

| | |
|--|---|
| 1. Unieke identificatiecode van het producttype: | KAMOUFLAGE MP |
| 2. Beoogd(e) gebruik(en): | Rookbeheersingsluik voor gebruik in rook- en warmteafvoersystemen in multi-compartment toepassingen aan brandtemperaturen, of in single-compartment toepassingen. |
| 3. Fabrikant: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. Systeem voor de beoordeling en verificatie van de prestatiebestendigheid: | Systeem 1 |
| 5. Geharmoniseerde norm / Europees beoordelingsdocument; aangemelde instantie(s) / Europese technische beoordeling, technische beoordelingsinstantie, aangemelde instantie(s); certificaat van prestatiebestendigheid: | EN 12101-8:2011, Efectis met identificatienummer 1812; Efectis_1812_CPR_1646 |
| 6. Aangegeven prestatie(s) volgens EN 12101-8:2011 | (Brandweerstand volgens EN 1366-10 en classificatie volgens EN 13501-4) |

| Essentiële kenmerken | | | | | Prestaties |
|---|--|--|------------------------|--|--|
| Gamma | Product | Type | Materiaal | Installatie | Classificatie |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Kanaal | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 30 mm | | |
| | | | Geotec ≥ 30 mm | | |
| | | | Tecniver ≥ 35 mm | | |
| | | | Glasroc F V500 ≥ 35 mm | | |
| | | | Exthamat ≥ 25 mm | | |
| | Schacht | Desenfire HD ≥ 25 mm | | | |
| | | Beton ≥ 90 mm | | | |
| | | Metselwerk, betonblokken, beton ≥ 100 mm | | | |
| Kamouflage 120 MP | Kanaal | Promatect L500 ≥ 40 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | Geoflam ≥ 35 mm | | | |
| | | Tecniver ≥ 45 mm | | | |
| | | Exthamat ≥ 30 mm | | | |
| | | Desenfire THD ≥ 25 mm | | | |
| | | Schacht | | | Beton ≥ 90 mm |
| | Metselwerk, betonblokken, beton ≥ 100 mm | | | | |
| | Kamouflage 120 MP | | Kanaal | Promatect L500 ≥ 50 mm | 1 |
| | | Geoflam ≥ 45 mm | | | |
| Geoflam Light ≥ 35 mm | | | | | |
| Geotec ≥ 45 mm | | | | | |
| Tecniver ≥ 50 mm | | | | | |
| Glasroc F V500 ≥ 50 mm | | | | | |
| Schacht | Exthamat ≥ 35 mm | | | | |
| | Desenfire HD ≥ 35 mm | | | | |
| | Desenfire ≥ 45 mm | | | | |
| | Desenfire STR ≥ 25 mm | | | | |
| | Metselwerk, betonblokken, beton ≥ 100 mm | | | | |

1 Installatiemethode: in kanaal/op schacht gemonteerd 0/180°. Minimale tussenafstand toegestaan.



| | |
|--|--|
| Nominale activeringscondities/gevoeligheid: | Geslaagd - automatische activatie |
| Reactievertraging (reactietijd): sluitingstijd | Geslaagd - automatische activatie |
| Operationele betrouwbaarheid: cyclische bewegingen | 10000 cycli (zonder tegengewicht) |
| Duurzaamheid van de reactievertraging: | Geslaagd |
| Duurzaamheid van operationele betrouwbaarheid: | Geslaagd |
| Goedgekeurd toebehoren | EASY-KAP ME/MP of EASY-KGC ME/MP inbouw kader; motor VA MP MEC |
| Hoge bedrijfstemperatuur (HOT 400/30): | NPD (geen prestatie bepaald) |

De prestaties van het hierboven omschreven product zijn conform de aangegeven prestaties. Deze prestatieverklaring wordt in overeenstemming met Verordening (EU) nr. 305/2011 onder de exclusieve verantwoordelijkheid van de hierboven vermelde fabrikant verstrekt.

Ondertekend voor en namens de fabrikant door:
Frank Verlinden, Head of Product Management

Frank Verlinden

Oosterzele, 01/12/2023



DÉCLARATION DES PERFORMANCES

CE_DoP_Rf-t_V28_FR ■ D-01/12/2023

| | |
|---|--|
| 1. Code d'identification unique du produit type | KAMOULAGE MP |
| 2. Usage(s) prévu(s): | Volet de désenfumage à portillon(s) destiné à être utilisé dans des systèmes de contrôle des fumées dans des applications multi-compartiments à la température du feu, ou dans des applications mono-compartiment. |
| 3. Fabricant: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. Système(s) d'évaluation et de vérification de la constance des performances: | Système 1 |
| 5. Norme harmonisée / Document d'évaluation européen; organisme(s) notifié(s) / évaluation technique européenne, organisme d'évaluation technique, organisme(s) notifié(s); certificat de constance des performances: | EN 12101-8:2011, Efectis avec le numéro d'identification 1812; Efectis_1812_CPR_1646 |
| 6. Performances déclarées selon EN 12101-8:2011 | (Résistance au feu selon EN 1366-10 et classement selon EN 13501-4) |

| Caractéristiques essentielles | | | | Performances | |
|---|--|--|---|---|--|
| Gamme | Produit | Type | Matériau | Installation | Classement |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Conduit | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 30 mm | | |
| | | | Geotec ≥ 30 mm | | |
| | | | Tecniver ≥ 35 mm | | |
| | | | Glasroc F V500 ≥ 35 mm | | |
| | | | Exthamat ≥ 25 mm | | |
| | Kamouflage 120 MP | Conduit | Desenfire HD ≥ 25 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Béton ≥ 90 mm | | |
| | | | Maçonnerie, blocs de béton, béton ≥ 100 mm | | |
| Kamouflage 120 MP | Conduit | Promatect L500 ≥ 40 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | Geoflam ≥ 35 mm | | | |
| | | Tecniver ≥ 45 mm | | | |
| | | Exthamat ≥ 30 mm | | | |
| | | Desenfire THD ≥ 25 mm | | | |
| | | Béton ≥ 90 mm | | | |
| | Conduit | Maçonnerie, blocs de béton, béton ≥ 100 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | Promatect L500 ≥ 50 mm | | | |
| | | Geoflam ≥ 45 mm | | | |
| | | Geoflam Light ≥ 35 mm | | | |
| | | Geotec ≥ 45 mm | | | |
| | | Tecniver ≥ 50 mm | | | |
| Conduit | Glasroc F V500 ≥ 50 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | |
| | Exthamat ≥ 35 mm | | | | |
| | Desenfire HD ≥ 35 mm | | | | |
| | Desenfire ≥ 45 mm | | | | |
| | Desenfire STR ≥ 25 mm | | | | |
| | Maçonnerie, blocs de béton, béton ≥ 100 mm | | | | |

1 Type de pose : monté sur conduit 0/180°. Distances entre-deux minimales autorisées.



| | |
|--|---|
| Conditions/sensibilité nominales d'activation : | Conforme - déclenchement automatique |
| Délai de réponse (temps de réponse) : temps de fermeture | Conforme - déclenchement automatique |
| Fiabilité opérationnelle : cyclage | 10000 cycles (sans charge) |
| Durabilité du délai de réponse : | Conforme |
| Durabilité de la fiabilité opérationnelle : | Conforme |
| Accessoires validés | Pré-cadre de type EASY-KAP ME/MP ou EASY-KGC ME/MP ; moteur de type VA MP MEC |
| Température de fonctionnement élevée (HOT 400/30): | PND (performance non déterminée) |

Les performances du produit identifié ci-dessus sont conformes aux performances déclarées. Conformément au règlement (UE) no 305/2011, la présente déclaration des performances est établie sous la seule responsabilité du fabricant mentionné ci-dessus.

Signé pour le fabricant et en son nom par:
Frank Verlinden, Head of Product Management

F. Verlinden

Oosterzele, 01/12/2023



Norme harmonisée
EN 12101-8:2011

DECLARATION OF PERFORMANCE

UKCA_DoP_Rf-t_V28_EN ■ D-01/12/2023



| | |
|--|--|
| 1. Unique identification code of the product-type: | KAMOUFFLAGE MP |
| 2. Intended use/es: | Smoke control damper to be used in smoke control systems, in multi-compartment applications at fire temperatures, or in single-compartment applications. |
| 3. Manufacturer: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. System/s of AVCP: | System 1 |
| 5. Designated standard / Approved body; certificate of constancy of performance: | BS EN 12101-8:2011, Efectis UK/Ireland Ltd 2822; 2822-UKCA-CPR-0012 |
| 6. Declared performance according to BS EN 12101-8:2011 | (Fire resistance according to BS EN 1366-10, classification according to BS EN 13501-4) |

| Essential characteristics | | | | | Performance | | | | |
|---|---|------|------------------------|---|--|--|------|------------------------|---|
| Range | Product | Type | Material | Installation | Classification | | | | |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Duct | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | | | |
| | | | Geoflam ≥ 30 mm | | | | | | |
| | | | Geotec ≥ 30 mm | | | | | | |
| | | | Tecniver ≥ 35 mm | | | | | | |
| | | | Glasroc F V500 ≥ 35 mm | | | | | | |
| | | | Exthamat ≥ 25 mm | | | | | | |
| | | | Desenfire HD ≥ 25 mm | | | | | | |
| | | | Shaft | | | Concrete ≥ 90 mm | | | |
| | | | | | | Masonry, concrete blocks, concrete ≥ 100 mm | | | |
| | Kamouflage 120 MP | Duct | | Promatect L500 ≥ 40 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | | |
| | | | Geoflam ≥ 35 mm | | | | | | |
| | | | Tecniver ≥ 45 mm | | | | | | |
| | | | Exthamat ≥ 30 mm | | | | | | |
| | | | Desenfire THD ≥ 25 mm | | | | | | |
| | | | Shaft | Concrete ≥ 90 mm | | | | | |
| | | | | Masonry, concrete blocks, concrete ≥ 100 mm | | | | | |
| | | | | Kamouflage 120 MP | | | Duct | Promatect L500 ≥ 50 mm | 1 |
| | | | Geoflam ≥ 45 mm | | | | | | |
| Geoflam Light ≥ 35 mm | | | | | | | | | |
| Geotec ≥ 45 mm | | | | | | | | | |
| Tecniver ≥ 50 mm | | | | | | | | | |
| Glasroc F V500 ≥ 50 mm | | | | | | | | | |
| Exthamat ≥ 35 mm | | | | | | | | | |
| Desenfire HD ≥ 35 mm | | | | | | | | | |
| Desenfire ≥ 45 mm | | | | | | | | | |
| Desenfire STR ≥ 25 mm | | | | | | | | | |
| Shaft | Masonry, concrete blocks, concrete ≥ 100 mm | | | | | | | | |

Designated standard
BS EN 12101-8:2011

1 Type of installation: in duct/shaft-mounted 0/180°. Minimal in-between distances authorised.



| | | | |
|--|--|--|------------------------|
| Nominal activation conditions/sensitivity: | Pass - automatic activation | Integrity (E) | 60, 90 and 120 minutes |
| Response delay (response time): closure time | Pass - automatic activation | Insulation (EI) | 60, 90 and 120 minutes |
| Operational reliability: cycling | 10000 cycles (no load) | Smoke leakage (EIS) | 60, 90 and 120 minutes |
| Durability of response delay: | Pass | Mechanical stability (under E) | Pass |
| Durability of operational reliability: | Pass | Maintenance of cross section (under E) | Pass |
| Approved accessories | EASY-KAP ME/MP or EASY-KGC ME/MP mounting frame; motor VA MP MEC | | |
| High operational temperature (HOT 400/30): | NPD (no performance determined) | | |

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Frank Verlinden, Head of Product Management

Frank Verlinden

Oosterzele, 01/12/2023



ДЕКЛАРАЦИЯ ЗА ЕКСПЛОАТАЦИОННИ ПОКАЗАТЕЛИ

CE_DoP_Rf-t_V28_BG ■ D-01/12/2023

| | |
|--|--|
| 1. Уникален идентификационен код на типа продукт: | KAMOUFFLAGE MP |
| 2. Предвидена употреба/употребы: | Панел за извеждане на дим, който следва да се използва в системи за контрол на дима, в приложения с различни отделения при пожарни температури, или в приложения с едно отделение. |
| 3. Производител: | RF-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. Система/системи за оценяване и проверка на постоянството на експлоатационните показатели: | Система 1 |
| 5. Хармонизиран стандарт / Европейски документ за оценяване; Нотифициран орган / Европейска техническа оценка, Орган за техническа оценка, Нотифициран орган; сертификат за постоянството на експлоатационните показатели: | EN 12101-8:2011, Efectis с идентификационен номер 1812; Efectis_1812_CPR_1646 |
| 6. Декларирани експлоатационни показатели в съответствие с EN 12101-8:2011 | (Огнеустойчивост в съответствие с EN 1366-10 и класификации в съответствие с EN 13501-4) |

| Основни характеристики | | | | Работа | |
|---|--|--|------------------------|--------|---|
| Диапазон | Продукт | Вид | Материал | монтаж | Класификация |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | канал | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 30 mm | | |
| | | | Geotec ≥ 30 mm | | |
| | | | Tecniver ≥ 35 mm | | |
| | | | Glasroc F V500 ≥ 35 mm | | |
| | | | Exthamat ≥ 25 mm | | |
| | вал | бетон ≥ 90 mm | | | |
| | | Зидария, бетонни блокове, бетон ≥ 100 mm | | | |
| | Kamouflage 120 MP | канал | Promatect L500 ≥ 40 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 35 mm | | |
| | | | Tecniver ≥ 45 mm | | |
| | | | Exthamat ≥ 30 mm | | |
| | | | Desenfire THD ≥ 25 mm | | |
| | | | вал | | |
| | Зидария, бетонни блокове, бетон ≥ 100 mm | | | | |
| | Kamouflage 120 MP | канал | Promatect L500 ≥ 50 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 45 mm | | |
| | | | Geoflam Light ≥ 35 mm | | |
| Geotec ≥ 45 mm | | | | | |
| Tecniver ≥ 50 mm | | | | | |
| Glasroc F V500 ≥ 50 mm | | | | | |
| Exthamat ≥ 35 mm | | | | | |
| Desenfire HD ≥ 35 mm | | | | | |
| Desenfire ≥ 45 mm | | | | | |
| Desenfire STR ≥ 25 mm | | | | | |
| вал | Зидария, бетонни блокове, бетон ≥ 100 mm | | | | |

1 Тип инсталация: монтиране в канал/върху вал 0/180°. Минимални разстояния разрешени.



| | |
|--|---|
| Номинал за активиране/чувствителност: | Отговаря - Автоматично активиране |
| Забавяне на реакцията (време за реакция) в: време за затваряне | Отговаря - Автоматично активиране |
| Надеждност на работата в: цикличност | 300 цикъла (без натоварване) |
| Издръжливост на забавянето на реакцията в: | Отговаря |
| Издръжливост на надеждността: | Отговаря |
| Одобрени Аксесоари | EASY-KAP ME/MP или EASY-KGC ME/MP монтажна рамка; мотор VA MP MEC |
| Висока работна температура (NOT 400/30): | NPD (не са установени експлоатационни характеристики) |

Експлоатационните показатели на продукта, посочени по-горе, са в съответствие с декларираните експлоатационни показатели. Настоящата декларация за експлоатационни показатели се издава в съответствие с Регламент (ЕС) № 305/2011, като отговорността за нея се носи изцяло от посочения по-горе производител.

Подписано за и от името на производителя от:
Frank Verlinden, Head of Product Management

F. Verlinden

Oosterzele, 01/12/2023



Хармонизиран стандарт
EN 12101-8:2011

| | |
|--|--|
| 1. Código de identificación única del producto tipo: | KAMOUFLAGE MP |
| 2. Usos previstos: | Compuerta de evacuación de humos para utilizarse en sistemas de control de humos, en aplicaciones de varios compartimentos a temperaturas de incendio o en aplicaciones de un compartimento. |
| 3. Fabricante: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. Sistemas de evaluación y verificación de la constancia de las prestaciones (EVCP): | Sistema 1 |
| 5. Norma armonizada / Documento de evaluación europeo; organismos notificados / evaluación técnica europea, organismo de evaluación técnica, organismos notificados; certificado de constancia de prestacione: | EN 12101-8:2011, Efectis con el número de identificación 1812; Efectis_1812_CPR_1646 |
| 6. Prestaciones declaradas de conformidad con EN 12101-8:2011 | (Resistencia al fuego de conformidad con EN 1366-10 y clasificaciones de conformidad con EN 13501-4) |

| Características esenciales | | | | | Prestaciones | | |
|---|-------------------|---|---|---------|--|---|---|
| Rango | Producto | Tipo | Material | Montaje | Clasificación | | |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Canal | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | |
| | | | Geoflam ≥ 30 mm | | | | |
| | | | Geotec ≥ 30 mm | | | | |
| | | | Tecniver ≥ 35 mm | | | | |
| | | | Glasroc F V500 ≥ 35 mm | | | | |
| | | | Exthamat ≥ 25 mm | | | | |
| | Conducto | Desenfire HD ≥ 25 mm | | | | | |
| | | Hormigón ≥ 90 mm | | | | | |
| | Kamouflage 120 MP | Canal | Albañilería, bloques de hormigón, hormigón ≥ 100 mm | | | | |
| | | | Promatect L500 ≥ 40 mm | | | | |
| | | | Geoflam ≥ 35 mm | | | | |
| | | | Tecniver ≥ 45 mm | | | | |
| | | | Exthamat ≥ 30 mm | | | | |
| | | | Desenfire THD ≥ 25 mm | | | | |
| | Conducto | Hormigón ≥ 90 mm | | | | | |
| | | Albañilería, bloques de hormigón, hormigón ≥ 100 mm | | | | | |
| | Kamouflage 120 MP | Canal | Promatect L500 ≥ 50 mm | | | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 45 mm | | | | |
| Geoflam Light ≥ 35 mm | | | | | | | |
| Geotec ≥ 45 mm | | | | | | | |
| Tecniver ≥ 50 mm | | | | | | | |
| Glasroc F V500 ≥ 50 mm | | | | | | | |
| Exthamat ≥ 35 mm | | | | | | | |
| Desenfire HD ≥ 35 mm | | | | | | | |
| Desenfire ≥ 45 mm | | | | | | | |
| Desenfire STR ≥ 25 mm | | | | | | | |
| Conducto | | | Albañilería, bloques de hormigón, hormigón ≥ 100 mm | | | | |

1 Tipo de instalación: montaje en canal/en conducto 0/180°. Distancias intermedia mínimas autorizadas.



| | |
|--|---|
| Condiciones/sensibilidad nominales activación: | Conforme - Activación automática |
| Retardo de respuesta (tiempo de respuesta): tiempo de cierre | Conforme - Activación automática |
| Fiabilidad operativa: ciclos | 300 ciclos (sin carga) |
| Duración del retardo de respuesta: | Conforme |
| Duración de la fiabilidad operativa: | Conforme |
| Accesorios Homologados | Armazón de montaje EASY-KAP ME/MP o EASY-KGC ME/MP; motor VA MP MEC |
| Alta temperatura de funcionamiento (HOT 400/30): | NPD (ninguna prestación determinada) |

Las prestaciones del producto identificado anteriormente son conformes con el conjunto de prestaciones declaradas. La presente declaración de prestaciones se emite, de conformidad con el Reglamento (UE) no 305/2011, bajo la sola responsabilidad del fabricante arriba identificado.

Firmado por y en nombre del fabricante por:
Frank Verlinden, Head of Product Management

F. Verlinden



Oosterzele, 01/12/2023

Norma armonizada
EN 12101-8:2011

| | |
|--|---|
| 1. Unikátní identifikační kód typu výrobku | KAMOUFLAGE MP |
| 2. Předpokládané použití: | Uzávěr pro odvod kouře je určený pro instalaci do systému odvodu kouře, v rámci jednoho nebo několika požárních úseků při dosažení teplot hoření. |
| 3. Výrobce: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. Systém/systémy POSV: | Systém 1 |
| 5. Harmonizovaná norma / Evropský dokument pro posuzování; oznámený subjekt/oznámené subjekty / Evropské technické posouzení, subjekt pro technické posuzování, oznámený subjekt/oznámené subjekty; osvědčení o stálosti vlastností: | EN 12101-8:2011, Efectis s identifikačním číslem 1812; Efectis_1812_CPR_1646 |
| 6. Vlastnosti uvedené v prohlášení podle EN 12101-8:2011 | (Odolnost proti požáru podle EN 1366-10 a klasifikace podle EN 13501-4) |

| Základní charakteristika | | | | | Vlastnosti | | | |
|---|--|--|--|-----------|---|------------------------|---|--|
| Rozsah | Výrobku | Typ | Materiál | Instalace | Klasifikace | | | |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Kanáł | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | | |
| | | | Geoflam ≥ 30 mm | | | | | |
| | | | Geotec ≥ 30 mm | | | | | |
| | | | Tecniver ≥ 35 mm | | | | | |
| | | | Glasroc F V500 ≥ 35 mm | | | | | |
| | | | Exthamat ≥ 25 mm | | | | | |
| | Desenfire HD ≥ 25 mm | | | | | | | |
| | Šachta | Beton ≥ 90 mm | | | | | | |
| | | Zdivo, betonové tvárnice, beton ≥ 100 mm | | | | | | |
| | | Kamouflage 120 MP | Kanáł | | | Promatect L500 ≥ 40 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | | | | Geoflam ≥ 35 mm | | |
| | | | | | | Tecniver ≥ 45 mm | | |
| Exthamat ≥ 30 mm | | | | | | | | |
| Desenfire THD ≥ 25 mm | | | | | | | | |
| Desenfire HD ≥ 25 mm | | | | | | | | |
| Šachta | Beton ≥ 90 mm | | | | | | | |
| | Zdivo, betonové tvárnice, beton ≥ 100 mm | | | | | | | |
| | Kamouflage 120 MP | Kanáł | Promatect L500 ≥ 50 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | | |
| | | | Geoflam ≥ 45 mm | | | | | |
| | | | Geoflam Light ≥ 35 mm | | | | | |
| | | | Geotec ≥ 45 mm | | | | | |
| Tecniver ≥ 50 mm | | | | | | | | |
| Glasroc F V500 ≥ 50 mm | | | | | | | | |
| Exthamat ≥ 35 mm | | | | | | | | |
| Desenfire HD ≥ 35 mm | | | | | | | | |
| Desenfire ≥ 45 mm | | | | | | | | |
| Desenfire STR ≥ 25 mm | | | | | | | | |
| Šachta | | | Zdivo, betonové tvárnice, beton ≥ 100 mm | | | | | |

1 Typ instalace: montáž v kanále/na vestavěná 0/180°. Minimální mezi vzdálenosti oprávněn.



| | |
|--|---|
| Nominální aktivací podmínky/citlivost: | Automatická aktivace splňuje |
| Prodleva odezvy (doba reakce): doba uzavření | Automatická aktivace splňuje |
| Provozní spolehlivost: cyklování | 10000 cyklů (bez zátěže) |
| Stálost prodlevy odezvy: | Splňuje |
| Stálost provozní spolehlivosti: | Splňuje |
| Schwálené příslušenství | montážní rám EASY-KAP ME/MP nebo EASY-KGC ME/MP; motoru VA MP MEC |
| Vysoká provozní teplota (HOT 400/30): | Bez určení výkonu |

Vlastnosti výše uvedeného výrobku jsou ve shodě se souborem deklarovaných vlastností. Toto prohlášení o vlastnostech se v souladu s nařízením (EU) č. 305/2011 vydává na výhradní odpovědnost výrobce uvedeného výše.

Podepsáno za výrobce a jeho jménem:
Frank Verlinden, Head of Product Management

Frank Verlinden

Oosterzele, 01/12/2023



| | |
|---|--|
| 1. Varetypens unikke identifikationskode: | KAMOUFFLAGE MP |
| 2. Tilsigtet anvendelse: | Røgudsugningsklap der anvendes i røgkontrolsystemer, i flerrumsinstallationer ved brandtemperaturer eller i enkelrumsinstallationer. |
| 3. Fabrikant: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. System eller systemer til vurdering og kontrol af konstanten af ydeevnen: | Systemet 1 |
| 5. Harmoniseret standard / Europæisk vurderingsdokument; notificeret organ / Europæisk teknisk vurdering, teknisk vurderingsorgan, notificeret organ; attest for byggevarens ydeevnes konstans: | EN 12101-8:2011, Efectis med identifikationsnummer 1812; Efectis_1812_CPR_1646 |
| 6. Deklareret ydeevne i henhold til EN 12101-8:2011 | (Brandhæmmende i henhold til EN 1366-10 og klassifikationer i henhold til EN 13501-4) |

| Essentielle kendetegn | | | | | Præstation |
|---|--------------------------------------|----------------------|------------------------|--------------|---|
| Omfang | Vare | Type | Materiale | Installation | Klassifikation |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Kanal | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 30 mm | | |
| | | | Geotec ≥ 30 mm | | |
| | | | Tecniver ≥ 35 mm | | |
| | | | Glasroc F V500 ≥ 35 mm | | |
| | | | Exthamat ≥ 25 mm | | |
| | Aksel | Desenfire HD ≥ 25 mm | | | |
| | | Beton ≥ 90 mm | | | |
| | Kamouflage 120 MP | Kanal | Promatect L500 ≥ 40 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 35 mm | | |
| | | | Tecniver ≥ 45 mm | | |
| | | | Exthamat ≥ 30 mm | | |
| | | | Desenfire THD ≥ 25 mm | | |
| | | | Aksel | | |
| | Murværk, betonblokke, beton ≥ 100 mm | | | | |
| | Kamouflage 120 MP | Kanal | Promatect L500 ≥ 50 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 45 mm | | |
| | | | Geoflam Light ≥ 35 mm | | |
| Geotec ≥ 45 mm | | | | | |
| Tecniver ≥ 50 mm | | | | | |
| Glasroc F V500 ≥ 50 mm | | | | | |
| Exthamat ≥ 35 mm | | | | | |
| Desenfire HD ≥ 35 mm | | | | | |
| Desenfire ≥ 45 mm | | | | | |
| Desenfire STR ≥ 25 mm | | | | | |
| Aksel | Murværk, betonblokke, beton ≥ 100 mm | | | | |

1 Installationstype: monteret i kanal/på akslen 0/180°. Minimale mellem afstande autoriseret.



| | |
|--|---|
| Norminel aktiveringsforhold/følsomhed: | Bestået - Automatisk aktivering |
| Reaktionstid: lukketid | Bestået - Automatisk aktivering |
| Driftssikkerhed: cykling | 10000 cykler (uden belastning) |
| Reaktionstids varighed: | Bestået |
| Varighed af driftssikkerhed: | Bestået |
| Godkendt Tilbehør | EASY-KAP ME/MP- eller EASY-KGC ME/MP-monteringsramme; VA MP MEC-motor |
| Høje driftstemperaturer (HOT 400/30): | NPD (ingen fastlagt præstation) |

Ydeevnen for den vare, der er anført ovenfor, er i overensstemmelse med den deklarerede ydeevne. Denne ydeevnedeklaration er udarbejdet i overensstemmelse med forordning (EU) nr. 305/2011 på enevnsvar af den fabrikant, der er anført ovenfor.

Underskrevet for fabrikanten og på dennes vegne af:
Frank Verlinden, Head of Product Management

Frank Verlinden

Oosterzele, 01/12/2023



| | |
|--|--|
| 1. Eindeutiger Kenncode des Produkttyps: | KAMOUFLAGE MP |
| 2. Verwendungszweck(e): | Entrauchungsklappe für Rauchschutzsysteme und für Mehrfache Brandabschnitte bei Brandtemperaturen oder für Einzelne Brandabschnitte. |
| 3. Hersteller: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. System(e) zur Bewertung und Überprüfung der Leistungsbeständigkeit: | System 1 |
| 5. Harmonisierte Norm / Europäisches Bewertungsdokument; notifizierte Stelle(n) / Europäische Technische Bewertung, technische Bewertungsstelle, notifizierte Stelle(n); Leistungsfähigkeitsbescheinigung(en): | EN 12101-8:2011, Die unter der Kennnummer 1812 zugelassene Efectis Produktzertifizierungsstelle; Efectis_1812_CPR_1646 |
| 6. Erklärte Leistung gemäß EN 12101-8:2011 | (Feuerwiderstand gemäß EN 1366-10 und Klassifizierungen gemäß EN 13501-4) |

| Wesentliche Merkmale | | | | | Leistung | | | | |
|---|--|--|--|--------|--|---------------|------------------------|---|---|
| Bereich | Produkt | Typ | Material | Einbau | Klassifizierung | | | | |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Kanal | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | | | |
| | | | Geoflam ≥ 30 mm | | | | | | |
| | | | Geotec ≥ 30 mm | | | | | | |
| | | | Tecniver ≥ 35 mm | | | | | | |
| | | | Glasroc F V500 ≥ 35 mm | | | | | | |
| | | | Exthamat ≥ 25 mm | | | | | | |
| | | | Desenfire HD ≥ 25 mm | | | | | | |
| | | Schacht | Beton ≥ 90 mm | | | | | | |
| | | Mauerwerk, Betonsteine, Beton ≥ 100 mm | | | | | | | |
| Kamouflage 120 MP | Kamouflage 120 MP | Kanal | Promatect L500 ≥ 40 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | | | |
| | | | Geoflam ≥ 35 mm | | | | | | |
| | | | Tecniver ≥ 45 mm | | | | | | |
| | | | Exthamat ≥ 30 mm | | | | | | |
| | | | Desenfire THD ≥ 25 mm | | | | | | |
| | | | Schacht | | | Beton ≥ 90 mm | | | |
| | | | Mauerwerk, Betonsteine, Beton ≥ 100 mm | | | | | | |
| | | Kamouflage 120 MP | Kamouflage 120 MP | | | Kanal | Promatect L500 ≥ 50 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | | | | | Geoflam ≥ 45 mm | | |
| Geoflam Light ≥ 35 mm | | | | | | | | | |
| Geotec ≥ 45 mm | | | | | | | | | |
| Tecniver ≥ 50 mm | | | | | | | | | |
| Glasroc F V500 ≥ 50 mm | | | | | | | | | |
| Exthamat ≥ 35 mm | | | | | | | | | |
| Desenfire HD ≥ 35 mm | | | | | | | | | |
| Desenfire ≥ 45 mm | | | | | | | | | |
| Desenfire STR ≥ 25 mm | | | | | | | | | |
| Schacht | Mauerwerk, Betonsteine, Beton ≥ 100 mm | | | | | | | | |

1 Einbautart: Kanal-Montage/Schachtmontage 0/180°. Mindest Zwischenabstände zugelassen.



| | |
|---|--|
| Aktivier-/Empfindlichkeits-Nennbedingungen: | Geprüft - automatische Öffnung |
| Ansprechverzögerung (Ansprechzeit): Schließzeit | Geprüft - automatische Öffnung |
| Betriebssicherheit: Zyklen | 10000 Zyklen (ohne Belastung) |
| Dauerhaftigkeit der Ansprechverzögerung: | Bestanden |
| Dauerhaftigkeit der Betriebssicherheit: | Bestanden |
| Zugelassenes Zubehör | EASY-KAP ME/MP oder EASY-KGC ME/MP Einbaurahmen; VA MP MEC Motor |
| Hohe Betriebstemperatur (HOT 400/30): | NPD (keine Leistungsangaben) |

Die Leistung des vorstehenden Produkts entspricht der erklärten Leistung/den erklärten Leistungen. Für die Erstellung der Leistungserklärung im Einklang mit der Verordnung (EU) Nr. 305/2011 ist allein der obengenannte Hersteller verantwortlich.

Unterzeichnet für den Hersteller und im Namen des Herstellers von:
Frank Verlinden, Head of Product Management

Frank Verlinden

Oosterzele, 01/12/2023



Harmonisierte Norm
EN 12101-8:2011

| | |
|---|---|
| 1. Tootetüübi kordumatu identifitseerimiskood: | KAMOUFFLAGE MP |
| 2. Kavandatud kasutusala(d): | Suitsu väljatõmbe katik kasutamiseks suitsukontrollisüsteemides, mitme sektsiooniga rakendustes tulekahju temperatuuridel või ühe sektsiooniga rakendustes. |
| 3. Tootja: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. Toimivuse püsivuse hindamise ja kontrolli süsteem: | Süsteem 1 |
| 5. Ühtlustatud standard / Euroopa hindamisdokument; teavitatud asutus(ed) / Euroopa tehniline hinnang, tehnilise hindamise asutus, teavitatud asutus(ed); toimivuse püsivuse sertifikaat: | EN 12101-8:2011, Efectis, ID-numbriga 1812; Efectis_1812_CPR_1646 |
| 6. Deklareeritud toimivus vastavalt standardile EN 12101-8:2011 | (Tulekindlus vastavalt standardile EN 1366-10 ja klassifikatsioonid vastavalt standardile EN 13501-4) |

| Põhiomadused | | | | | Talitlus |
|---|--|--|------------------------|------------|--|
| Vahemik | Toote | Tüüp | Materjal | Paigalduse | Klassifikatsioon |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Kanal | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 30 mm | | |
| | | | Geotec ≥ 30 mm | | |
| | | | Tecniver ≥ 35 mm | | |
| | | | Glasroc F V500 ≥ 35 mm | | |
| | | | Exthamat ≥ 25 mm | | |
| | | Desenfire HD ≥ 25 mm | | | |
| | | Šaht | Betoon ≥ 90 mm | | |
| | | Müürikivi, betoonplokid, betoon ≥ 100 mm | | | |
| Kamouflage 120 MP | Kanal | Kanal | Promatect L500 ≥ 40 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 35 mm | | |
| | | | Tecniver ≥ 45 mm | | |
| | | | Exthamat ≥ 30 mm | | |
| | | | Desenfire THD ≥ 25 mm | | |
| | | | Desenfire THD ≥ 25 mm | | |
| | | Šaht | Betoon ≥ 90 mm | | |
| | | Müürikivi, betoonplokid, betoon ≥ 100 mm | | | |
| | | Kamouflage 120 MP | Kanal | | |
| Geoflam ≥ 45 mm | | | | | |
| Geoflam Light ≥ 35 mm | | | | | |
| Geotec ≥ 45 mm | | | | | |
| Tecniver ≥ 50 mm | | | | | |
| Glasroc F V500 ≥ 50 mm | | | | | |
| Exthamat ≥ 35 mm | | | | | |
| Desenfire HD ≥ 35 mm | | | | | |
| Desenfire ≥ 45 mm | | | | | |
| Desenfire STR ≥ 25 mm | | | | | |
| Desenfire STR ≥ 25 mm | | | | | |
| Šaht | Müürikivi, betoonplokid, betoon ≥ 100 mm | | | | |

1 Paigalduse tüüp: kanalis/šahti paigaldatud 0/180°. Minimaalne vahemaid volitatud.



| | |
|---|--|
| Nomin. aktiv. tingimused/tundlikkus: | Läbilase - automaatne aktiveerimine |
| Reageerimise viivitus (reageerimisaeg): sulgemisaeg | Läbilase - automaatne aktiveerimine |
| Töökindlus: tsükliline | 10000 tsüklit (koormuseta) |
| Reageerimise viivituse kestvus: | Läbis |
| Töökindluse kestvus: | Läbis |
| Heakskiidetud Tarvikud | EASY-KAP ME/MP või EASY-KGC ME/MP paigaldusraam; VA MP MEC-mootori |
| Kõrge töötemperatuur (HOT 400/30): | NPD (määratlemata toimivus) |

Eespool kirjeldatud toote toimivus vastab deklareeritud toimivusele. Käesolev toimivusdeklaratsioon on välja antud kooskõlas määrusega (EL) nr 305/2011 eespool nimetatud tootja ainuvastutusel.

Tootja poolt ja nimel allkirjastanud:
Frank Verlinden, Head of Product Management

Frank Verlinden

Oosterzele, 01/12/2023



| | |
|---|---|
| 1. Codice identificativo univoco del tipo di prodotto: | KAMOUFLAGE MP |
| 2. Utilizzo(i) previsto(i): | Serranda tagliafumo adatta all'uso in sistemi per il controllo di fumo, in applicazioni a più compartimenti alle temperature di incendio o in applicazioni a compartimenti singoli. |
| 3. Produttore: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. Sistema(i) di AVCP: | Sistema 1 |
| 5. Norma armonizzata/documento di valutazione europeo; organismo notificato/valutazione tecnica europea, organismo di valutazione tecnica, organismo notificato; certificato di costanza della prestazione: | EN 12101-8:2011, Efectis con numero di identificazione 1812; Efectis_1812_CPR_1646 |
| 6. Prestazione dichiarata secondo EN 12101-8:2011 | (resistenza al fuoco secondo EN 1366-10, classificazione secondo EN 13501-4) |

| Caratteristiche essenziali | | | | | Prestazione |
|---|-------------------|--|------------------------|---|--|
| Gamma | Prodotto | Tipo | Materiale | Installazione | Classificazione |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Canale | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 30 mm | | |
| | | | Geotec ≥ 30 mm | | |
| | | | Tecniver ≥ 35 mm | | |
| | | | Glasroc F V500 ≥ 35 mm | | |
| | | | Exthamat ≥ 25 mm | | |
| | Kamouflage 120 MP | Canale | Promatect L500 ≥ 40 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 35 mm | | |
| | | | Tecniver ≥ 45 mm | | |
| | | | Exthamat ≥ 30 mm | | |
| | | | Desenfire THD ≥ 25 mm | | |
| | | | Calcestruzzo ≥ 90 mm | | |
| Kamouflage 120 MP | Canale | Promatect L500 ≥ 50 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | Geoflam ≥ 45 mm | | | |
| | | Geoflam Light ≥ 35 mm | | | |
| | | Geotec ≥ 45 mm | | | |
| | | Tecniver ≥ 50 mm | | | |
| | | Glasroc F V500 ≥ 50 mm | | | |
| Kamouflage 120 MP | Condotto | Muratura, blocchi di cemento, cemento ≥ 100 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | Calcestruzzo ≥ 90 mm | | | |
| | | Muratura, blocchi di cemento, cemento ≥ 100 mm | | | |
| | | Calcestruzzo ≥ 90 mm | | | |
| | | Muratura, blocchi di cemento, cemento ≥ 100 mm | | | |
| | | Calcestruzzo ≥ 90 mm | | | |

Norma armonizzata
EN 12101-8:2011

1 Tipo di installazione: montaggio in canale/montaggio in condotto 0/180°. Distanze intermedia minime autorizzate.



| | |
|--|---|
| Condizioni di attivazione nominali/sensibilità: | Conforme - attivazione automatica |
| Ritardo di risposta (tempo di risposta): tempo di chiusura | Conforme - attivazione automatica |
| Affidabilità operativa: ciclaggio | 10000 cicli (senza carico) |
| Durabilità del ritardo di risposta: | Conforme |
| Durabilità dell'affidabilità operativa: | Conforme |
| Accessori approvati | Controcornice EASY-KAP ME/MP o EASY-KGC ME/MP; motore VA MP MEC |
| Elevata temperatura d'esercizio (HOT 400/30): | NPD (nessuna prestazione determinata) |

La prestazione del prodotto sopra identificato è conforme al set di prestazioni dichiarate. La presente dichiarazione di prestazione è rilasciata, conformemente al regolamento (UE) n. 305/2011, sotto l'esclusiva responsabilità del produttore in precedenza identificato.

Firmato in nome e per conto del produttore da:
Frank Verlinden, Head of Product Management

Frank Verlinden



| | |
|---|---|
| 1. Unikālais izstrādājuma tipa identifikācijas numurs: | KAMOUFLAGE MP |
| 2. Paredzētais izmantojums: | Dūmu izplūdes aizvars izmantošanai vairāku nodalījumu dūmu kontroles sistēmās uguns temperatūrā vai viena nodalījuma sistēmās |
| 3. Ražotājs: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. Eksploataācijas īpašību noturības novērtējuma un pārbaudes (AVCP) sistēma(-as): | Sistēma 1 |
| 5. Saskaņotais standarts / Eiropas novērtējuma dokuments; paziņotā(-ās) iestāde(-es) / Eiropas tehniskais novērtējums, tehniskā novērtējuma iestāde, paziņotā(-ās) iestāde(-es); eksploataācijas īpašību noturības sertifikātu: | EN 12101-8:2011, Efectis ar identifikācijas numuru 1812; Efectis_1812_CPR_1646 |
| 6. Deklarētās eksploataācijas īpašības saskaņā ar EN 12101-8:2011 | (Ugunsizturība saskaņā ar EN 1366-10 un klasifikācija saskaņā ar EN 13501-4) |

| Būvnieciskie rādītāji | | | | | Darbība | | |
|---|------------------|-------------------------------------|------------------------|---|--|---|---|
| Diapazons | Izstrādājuma | Veids | Materiāls | Uzst. | Klasifikācija | | |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Kanāls | Promatect L500 ≥ 30 mm | 1 | El 60 (V _{ed} i ↔ o) S 1500 C10000 AA multi | | |
| | | | Geoflam ≥ 30 mm | | | | |
| | Geotec ≥ 30 mm | | | | | | |
| Tecniver ≥ 35 mm | | | | | | | |
| Glasroc F V500 ≥ 35 mm | | | | | | | |
| Exthamat ≥ 25 mm | | | | | | | |
| Kamouflage 120 MP | Kanāls | Desenfire HD ≥ 25 mm | 1 | El 90 (V _{ed} i ↔ o) S 1500 C10000 AA multi | | | |
| | | Betona ≥ 90 mm | | | | | |
| Mūra, betona bloki, betons ≥ 100 mm | | | | | | | |
| Kamouflage 120 MP | | Kanāls | | | Promatect L500 ≥ 40 mm | 1 | El 120 (V _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | | | Geoflam ≥ 35 mm | | |
| Tecniver ≥ 45 mm | | | | | | | |
| Exthamat ≥ 30 mm | | | | | | | |
| Desenfire THD ≥ 25 mm | | | | | | | |
| Betona ≥ 90 mm | | | | | | | |
| Kamouflage 120 MP | Kanāls | Mūra, betona bloki, betons ≥ 100 mm | 1 | El 120 (V _{ed} i ↔ o) S 1500 C10000 AA multi | | | |
| | | Promatect L500 ≥ 50 mm | | | | | |
| Geoflam ≥ 45 mm | | | | | | | |
| Geoflam Light ≥ 35 mm | | | | | | | |
| Geotec ≥ 45 mm | | | | | | | |
| Tecniver ≥ 50 mm | | | | | | | |
| Glasroc F V500 ≥ 50 mm | | | | | | | |
| Exthamat ≥ 35 mm | | | | | | | |
| Desenfire HD ≥ 35 mm | | | | | | | |
| Desenfire ≥ 45 mm | | | | | | | |
| Desenfire STR ≥ 25 mm | | | | | | | |
| | Vārpsta | Mūra, betona bloki, betons ≥ 100 mm | | | | | |

1 letais veids: montāža kanālā/uz vārpstas 0/180°. Minimālos starp attālumus atļauts.



| | |
|--|--|
| Nominālie aktivizēšanas nosacījumi/jūtība: | Izpilde - autom |
| Reakcijas aizkave (reakcijas laiks): aizvēršanas laiks | Izpilde - autom |
| Eksploataācijas drošums: cikli | 10000 cikli (bez slodzes) |
| Reakcijas aizkaves noturīgums: | Izpildīts |
| Eksploataācijas drošuma noturīgums: | Izpildīts |
| Apstiprinātie Piederumi | EASY-KAP ME/MP vai EASY-KGC ME/MP uzstādīšanas rāmis; motora VA MP MEC |
| Augsta darbības temperatūra (HOT 400/30): | NPD (darbība nav noteikta) |

Iepriekš norādītā izstrādājuma eksploataācijas īpašības atbilst deklarēto eksploataācijas īpašību kopumam. Šī eksploataācijas īpašību deklarācija izdota saskaņā ar Regulu (ES) Nr. 305/2011, un par to ir atbildīgs vienīgi iepriekš norādītais ražotājs.

Parakstīts ražotāja vārdā:
Frank Verlinden, Head of Product Management

Oosterzele, 01/12/2023



Harmonizētais standarts
EN 12101-8:2011

| | |
|--|--|
| 1. Produkto tipo unikalus identifikavimo kodas: | KAMOUFLAGE MP |
| 2. Naudojimo paskirtis (-ys): | Dūmų išleidžiamasis užtvartas, skirtas naudoti dūmų kontrolės sistemose, keliose patalpose esant liepsnos temperatūrai arba vienoje patalpoje. |
| 3. Gamintojas: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. Eksploatacinių savybių pastovumo vertinimo ir tikrinimo sistema (-os): | 1 sistema |
| 5. Darnusis standartas / Europos vertinimo dokumentas; notifikuoti (-osios) įstaiga (-os) / Europos techninis įvertinimas, techninio vertinimo įstaiga, notifikuoti (-osios) įstaiga (-os); eksploatacinių savybių pastovumo sertifikatai: | EN 12101-8:2011, Efectis (identifikacinis numeris 1812); Efectis_1812_CPR_1646 |
| 6. Deklaruojamos eksploatacinės savybės atitinka EN 12101-8:2011 | (Atsparumas ugniai atitinka EN 1366-10, o klasifikacijos atitinka EN 13501-4) |

| Pagrindinės savybės | | | | | Veikimo charakteristikos | |
|--|--|--|--|----------|---|--|
| Diapazonas | Produkto | Tipas | Medžiaga | Įrengimo | Klasifikacija | |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Kanalas | Promatect L500 ≥ 30 mm Geoflam ≥ 30 mm Geotec ≥ 30 mm Tecniver ≥ 35 mm Glasroc F V500 ≥ 35 mm Exthamat ≥ 25 mm Desenfire HD ≥ 25 mm | 1 | El 60 (V _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | Šachta | Betonas ≥ 90 mm Mūrrijimas, betoniniai blokai, betonas ≥ 100 mm | | | |
| | Kamouflage 120 MP | Kanalas | Promatect L500 ≥ 40 mm Geoflam ≥ 35 mm Tecniver ≥ 45 mm Exthamat ≥ 30 mm Desenfire THD ≥ 25 mm | 1 | El 90 (V _{ed} i ↔ o) S 1500 C10000 AA multi | |
| Šachta | Betonas ≥ 90 mm Mūrrijimas, betoniniai blokai, betonas ≥ 100 mm | | | | | |
| 350x385 mm ≤ Kamouflage 120 MP ≤ 700x1075 mm | Kamouflage 120 MP | Kanalas | Promatect L500 ≥ 50 mm Geoflam ≥ 45 mm Geoflam Light ≥ 35 mm Geotec ≥ 45 mm Tecniver ≥ 50 mm Glasroc F V500 ≥ 50 mm Exthamat ≥ 35 mm Desenfire HD ≥ 35 mm Desenfire ≥ 45 mm Desenfire STR ≥ 25 mm | 1 | El 120 (V _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | Šachta | Mūrrijimas, betoniniai blokai, betonas ≥ 100 mm | | | |
| | 1 | Įrengimo tipas: montuojamas į kanalą/ant šachta 0/180°. Minimalūs tarp atstumai leidimā. | | | | |



| | |
|---|--|
| Nominalios aktyvinimo sąlygos / jautrumas: | Pralaida – automatinis aktyvinimas |
| Reakcijos delsa (reakcijos laikas): uždarymo laikas | Pralaida – automatinis aktyvinimas |
| Veikimo patikimumas: ciklai | 10000 ciklų (be apkrovos) |
| Reakcijos delsos patvarumas: | Priimta |
| Veikimo patikimumo patvarumas: | Priimta |
| Aprobuoti Priedai | EASY-KAP ME/MP arba EASY-KGC ME/MP montavimo rėmas; variklis VA MP MEC |
| Aukšta eksploatacinė temperatūra (HOT 400/30): | NPD (charakteristikos nenurodytos) |

Nurodyto produkto eksploatacinės savybės atitinka visas deklaruotas eksploatacines savybes. Ši eksploatacinių savybių deklaracija pateikiama vadovaujantis Reglamentu (ES) Nr. 305/2011, atsakomybė už jos turinį tenka tik joje nurodytam gamintojui.

Pasirašyta (gamintojas ir jo vardas):
Frank Verlinden, Head of Product Management

Frank Verlinden

Oosterzele, 01/12/2023



| | |
|--|---|
| 1. A terméktípus egyedi azonosító kódja: | KAMOUFLAGE MP |
| 2. Felhasználás célja(i): | Füstelszívó zsalu füstelvezető rendszerekben, többszakaszos vagy egyszakaszos alkalmazásokban való használatához. |
| 3. Gyártó: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. Az AVCP-rendszer(ek): | 1. rendszer |
| 5. Harmonizált szabvány / az európai értékelési dokumentum; bejelentett szerv(ek) / európai műszaki értékelés, a műszaki értékelést végző szerv, bejelentett szerv(ek); a termék megfelelőségi tanúsítványa: | EN 12101-8:2011, 1812-es azonosító számú, bejegyzett üzemi gyártásellenőrzés-tanúsító szervezet, a Efectis; Efectis_1812_CPR_1646 |
| 6. A nyilatkozat szerinti teljesítmény az szabványnak megfelelően EN 12101-8:2011 | (Az EN 1366-10 szabvány és EN 13501-4 besorolása alapján tűzálló) |

| Alapvető jellemzők | | | | | Teljesítmény | |
|---|------------------|--|------------------------|---|--|--|
| Tartomány | Termék | Típusa | Anyaga | Telepítés | Besorolás | |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Csatorna | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | | Geoflam ≥ 30 mm | | | |
| | | | Geotec ≥ 30 mm | | | |
| | | | Tecniver ≥ 35 mm | | | |
| | | | Glasroc F V500 ≥ 35 mm | | | |
| | | | Exthamat ≥ 25 mm | | | |
| | Tengely | Desenfire HD ≥ 25 mm | Beton ≥ 90 mm | | | |
| | | Kömüves, beton blokkok, beton ≥ 100 mm | | | | |
| | | | | | | |
| Kamouflage 120 MP | Csatorna | Promatect L500 ≥ 40 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | |
| | | Geoflam ≥ 35 mm | | | | |
| | | Tecniver ≥ 45 mm | | | | |
| | | Exthamat ≥ 30 mm | | | | |
| | | Desenfire THD ≥ 25 mm | | | | |
| | | Tengely | | | Beton ≥ 90 mm | |
| | Tengely | Kömüves, beton blokkok, beton ≥ 100 mm | | | | |
| | | | | | | |
| | | | | | | |
| Kamouflage 120 MP | Csatorna | Promatect L500 ≥ 50 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | |
| | | Geoflam ≥ 45 mm | | | | |
| | | Geoflam Light ≥ 35 mm | | | | |
| | | Geotec ≥ 45 mm | | | | |
| | | Tecniver ≥ 50 mm | | | | |
| | | Glasroc F V500 ≥ 50 mm | | | | |
| | Tengely | Exthamat ≥ 35 mm | Beton ≥ 90 mm | | | |
| | | Desenfire HD ≥ 35 mm | | | | |
| | | Desenfire ≥ 45 mm | | | | |
| | | Desenfire STR ≥ 25 mm | | | | |
| | | Kömüves, beton blokkok, beton ≥ 100 mm | | | | |
| | | | | | | |

1 Telepítés típusa: csatornára szerelt/tengelyre szerelt 0/180°. Minimális távolságok engedélyezett.



| | |
|---|---|
| Névleges aktiválás körülményei/érzékenység: | Megfelel - Automatikus aktiválás |
| Válaszidő (reakcióidő): bezárás ideje | Megfelel - Automatikus aktiválás |
| Működés megbízhatósága: alapjanciklikus | 10000 ciklus (terhelés nélkül) |
| Válaszidő állandósága: | Megfelel |
| Működési megbízhatóság állandósága: | Megfelel |
| Engedélyezett Tartozékok | EASY-KAP ME/MP vagy EASY-KGC ME/MP szerelőkeret; VA MP MEC motorral |
| Magas üzemi hőmérséklet (HOT 400/30): | NPD (nincs előírt teljesítmény) |

A fent azonosított termék teljesítménye megfelel a bejelentett teljesítmény(ek)nek. A 305/2011/EU rendeletnek megfelelően e teljesítménynyilatkozat kiadásáért kizárólag a fent meghatározott gyártó a felelős.

A gyártó nevében és részéről aláíró személy:
Frank Verlinden, Head of Product Management

Frank Verlinden

Oosterzele, 01/12/2023



| | |
|---|--|
| 1. Niepowtarzalny kod identyfikacyjny typu wyrobu: | KAMOUFLAGE MP |
| 2. Zamierzone zastosowanie (-a): | Drzwiowa kłapa odcinająca przeznaczona do systemów wentylacji pożarowej, stosowana w układach wielu stref pożarowych w temperaturze pożaru lub w układzie jednej strefy pożarowej. |
| 3. Producent: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. System(-y) oceny i weryfikacji stałości właściwości użytkowych: | System 1 |
| 5. Norma zharmonizowana / Europejski dokument oceny; jednostka lub jednostki notyfikowane / Europejska ocena techniczna, jednostka ds. oceny technicznej, jednostka lub jednostki notyfikowane; certyfikat stałości właściwości użytkowych: | EN 12101-8:2011, Efectis, nr notyfikacji 1812; Efectis_1812_CPR_1646 |
| 6. Deklarowane właściwości użytkowe zgodnie z normą EN 12101-8:2011 | (Odporność ogniowa zgodnie z normą EN 1366-10 i klasyfikacja ogniowa zgodnie z normą EN 13501-4) |

| Zasadnicze charakterystyki | | | | Właściwości użytkowe | | |
|---|-------------------|--|--|----------------------|--|--|
| Zakres | Wyrób | Typ | Materiał | Rodzaj instalacji | Klasyfikacja | |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Przewodzie | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | | Geoflam ≥ 30 mm | | | |
| | Geotec ≥ 30 mm | | | | | |
| Tecniver ≥ 35 mm | | | | | | |
| Glasroc F V500 ≥ 35 mm | | | | | | |
| Exthamat ≥ 25 mm | | | | | | |
| Desenfire HD ≥ 25 mm | | | | | | |
| | Wał | Beton ≥ 90 mm | Ściany murowane, z bloczków betonowych lub z betonu ≥ 100 mm | | | |
| | Kamouflage 120 MP | Przewodzie | Promatect L500 ≥ 40 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | | Geoflam ≥ 35 mm | | | |
| | | | Tecniver ≥ 45 mm | | | |
| | | | Exthamat ≥ 30 mm | | | |
| | | | Desenfire THD ≥ 25 mm | | | |
| | Wał | | Beton ≥ 90 mm | | | Ściany murowane, z bloczków betonowych lub z betonu ≥ 100 mm |
| | Kamouflage 120 MP | | Przewodzie | | | Promatect L500 ≥ 50 mm |
| | | Geoflam ≥ 45 mm | | | | |
| | | Geoflam Light ≥ 35 mm | | | | |
| | | Geotec ≥ 45 mm | | | | |
| | | Tecniver ≥ 50 mm | | | | |
| | | Glasroc F V500 ≥ 50 mm | | | | |
| | | Exthamat ≥ 35 mm | | | | |
| | | Desenfire HD ≥ 35 mm | | | | |
| | | Desenfire ≥ 45 mm | | | | |
| | | Desenfire STR ≥ 25 mm | | | | |
| | Wał | Ściany murowane, z bloczków betonowych lub z betonu ≥ 100 mm | | | | |

1 Rodzaj instalacji: montaż w przewodzie/na wał 0/180°. Minimalne dozwolone odległości pośrednie.



| | |
|--|---|
| Znamionowe warunki załączenia/czułość: | Zgodne - uruchomienie automatyczne |
| Opóźnienie odpowiedzi (czas odpowiedzi): czas zamknięcia | Zgodne - uruchomienie automatyczne |
| Niezawodność działania: w cyklach | 10000 cykli (bez obciążenia) |
| Trwałość opóźnienia odpowiedzi: | Spełnia |
| Trwałość niezawodności działania: | Spełnia |
| Akcesoria dopuszczone do stosowania | rama montażowa EASY-KAP ME/MP lub EASY-KGC ME/MP; mechanizm VA MP MEC |
| Wysoka temperatura robocza (HOT 400/30): | NPD (właściwość użytkowa nieoznaczona) |

Właściwości użytkowe określonego powyżej wyrobu są zgodne z zestawem deklarowanych właściwości użytkowych. Niniejsza deklaracja właściwości użytkowych wydana zostaje zgodnie z rozporządzeniem (UE) nr 305/2011 na wyłączną odpowiedzialność producenta określonego powyżej.

W imieniu producenta podpisał(-a):
Frank Verlinden, Head of Product Management

F. Verlinden

Oosterzele, 01/12/2023



DECLARAÇÃO DE DESEMPENHO

CE_DoP_Rf-t_V28_PT - D-01/12/2023

| | |
|--|--|
| 1. Código de identificação único do produto-tipo: | KAMOUFLAGE MP |
| 2. Utilização(ões) prevista(s) | Registo de desenfumagem, para utilização em sistemas de controlo de fumo, em aplicações multi-compartimento a temperaturas de fogo, ou em aplicações com um único compartimento. |
| 3. Fabricante: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. Sistema(s) de avaliação e verificação da regularidade do desempenho (AVCP): | Sistema 1 |
| 5. Norma harmonizada / documento de Avaliação Europeu; organismo(s) notificado(s) / avaliação Técnica Europeia, organismo de Avaliação Técnica, organismo(s) notificado(s); certificado de regularidade do desempenho: | EN 12101-8:2011, Efectis com o número de identificação 1812; Efectis_1812_CPR_1646 |
| 6. Desempenho de acordo com EN 12101-8:2011 | (Resistência ao fogo de acordo com EN 1366-10 e classificações de acordo com EN 13501-4) |

| Características essenciais | | | | Desempenho | |
|---|--|--|------------------------|------------|---|
| Gama | Produto | Tipo | Material | Instalação | Classificação |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Duto | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 30 mm | | |
| | | | Geotec ≥ 30 mm | | |
| | | | Tecniver ≥ 35 mm | | |
| | | | Glasroc F V500 ≥ 35 mm | | |
| | | | Exthamat ≥ 25 mm | | |
| | Eixo | Betão ≥ 90 mm | | | |
| | | Alvenaria, blocos de betão, betão ≥ 100 mm | | | |
| | Kamouflage 120 MP | Duto | Promatect L500 ≥ 40 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 35 mm | | |
| | | | Tecniver ≥ 45 mm | | |
| | | | Exthamat ≥ 30 mm | | |
| | | | Desenfire THD ≥ 25 mm | | |
| | | | Eixo | | |
| | Alvenaria, blocos de betão, betão ≥ 100 mm | | | | |
| | Kamouflage 120 MP | Duto | Promatect L500 ≥ 50 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 45 mm | | |
| | | | Geoflam Light ≥ 35 mm | | |
| Geotec ≥ 45 mm | | | | | |
| Tecniver ≥ 50 mm | | | | | |
| Glasroc F V500 ≥ 50 mm | | | | | |
| Exthamat ≥ 35 mm | | | | | |
| Desenfire HD ≥ 35 mm | | | | | |
| Desenfire ≥ 45 mm | | | | | |
| Desenfire STR ≥ 25 mm | | | | | |
| Eixo | Alvenaria, blocos de betão, betão ≥ 100 mm | | | | |

1 Tipo de instalação: montagem em conduto/montado no eixo 0/180°. Distâncias mínimas autorizadas.



| | |
|--|---|
| Sensibilidade/condições ativação normal: | Em conformidade - Ativação automática |
| Atraso de resposta (tempo de resposta): tempo de fecho | Em conformidade - Ativação automática |
| Fiabilidade operacional: cíclico | 10000 ciclos (sem carga) |
| Durabilidade do tempo de resposta: | Em conformidade |
| Durabilidade da fiabilidade operacional: | Em conformidade |
| Acessórios Aprovados | Aro de montagem EASY-KAP ME/MP ou EASY-KGC ME/MP; motor VA MP MEC |
| Alta temperatura operacional (HOT 400/30): | NPD (sem desempenho determinado) |

O desempenho do produto identificado acima está em conformidade com o conjunto de desempenhos declarados. A presente declaração de desempenho é emitida, em conformidade com o Regulamento (UE) n.º 305/2011, sob a exclusiva responsabilidade do fabricante identificado acima.

Assinado por e em nome do fabricante por:
Frank Verlinden, Head of Product Management

F. Verlinden

Oosterzele, 01/12/2023



Norma harmonizada
EN 12101-8:2011

| | |
|--|---|
| 1. Cod unic de identificare al tipului de produs: | KAMOUFFLAGE MP |
| 2. Utilizare preconizată (utilizări preconizate): | Volet de desfumare cu 1 sau 2 uși pentru utilizare în sistemele de control al fumului, în aplicații multicompartment la temperatura focului sau în aplicații monocompartment. |
| 3. Fabricant: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. Sistemul (sistemele) de evaluare și de verificare a constanței performanței: | Sistemul 1 |
| 5. Standard armonizat / documentul de evaluare european; organism (organisme) notificat(e) / evaluarea tehnică europeană, organismul de evaluare tehnică, organism (organisme) notificat(e); certificatul de constanță a performanței: | EN 12101-8:2011, Efectis pentru certificări privind producția industrială, cu numărul de identificare 1812; Efectis_1812_CPR_1646 |
| 6. Performanța declarată în conformitate cu EN 12101-8:2011 | (Rezistență la foc în conformitate cu standardul EN 1366-10 și clasificare conform standardului EN 13501-4) |

| Caracteristici esențiale | | | | Instalare | Randament | | |
|---|---|---|------------------------|---|--|---|--|
| Interval | Produs | Tip | Material | | Clasificare | | |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Conductă | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | |
| | | | Geoflam ≥ 30 mm | | | | |
| | | | Geotec ≥ 30 mm | | | | |
| | | | Tecniver ≥ 35 mm | | | | |
| | | | Glasroc F V500 ≥ 35 mm | | | | |
| | | | Exthamat ≥ 25 mm | | | | |
| | Coloană | Beton ≥ 90 mm | | | | | |
| | | Zidărie, blocuri de beton, beton ≥ 100 mm | | | | | |
| | Kamouflage 120 MP | Conductă | Promatect L500 ≥ 40 mm | | | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 35 mm | | | | |
| | | | Tecniver ≥ 45 mm | | | | |
| | | | Exthamat ≥ 30 mm | | | | |
| Desenfire THD ≥ 25 mm | | | | | | | |
| Coloană | | | Beton ≥ 90 mm | | | | |
| | Zidărie, blocuri de beton, beton ≥ 100 mm | | | | | | |
| Kamouflage 120 MP | Conductă | Promatect L500 ≥ 50 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | | |
| | | Geoflam ≥ 45 mm | | | | | |
| | | Geoflam Light ≥ 35 mm | | | | | |
| | | Geotec ≥ 45 mm | | | | | |
| | | Tecniver ≥ 50 mm | | | | | |
| | | Glasroc F V500 ≥ 50 mm | | | | | |
| | | Exthamat ≥ 35 mm | | | | | |
| | | Desenfire HD ≥ 35 mm | | | | | |
| | | Desenfire ≥ 45 mm | | | | | |
| | | Desenfire STR ≥ 25 mm | | | | | |
| | | Coloană | | | Zidărie, blocuri de beton, beton ≥ 100 mm | | |

1 Tip de instalare: montat în conductă/pe coloană 0/180°. Distanțele între minime autorizate.



| | |
|---|---|
| Sensibilitate/Condiții nominale de activare: | Conform - Activare automată |
| Timp de răspuns: timp de închidere | Conform - Activare automată |
| Fiabilitate operațională: cicluri de funcționare | 10000 de cicluri (fără încărcare) |
| Durabilitate timp de răspuns: | Conform |
| Durabilitate fiabilitate operațională: | Conform |
| Accesorii Aprobate | Cadru de montare EASY-KAP ME/MP sau EASY-KGC ME/MP; motorul VA MP MEC |
| Temperatură de funcționare ridicată (FIERBINTE 400/30): | PND (performanță nedeterminată) |

Performanța produsului identificat mai sus este în conformitate cu setul de performanțe declarate. Această declarație de performanță este eliberată în conformitate cu Regulamentul (UE) nr. 305/2011, pe răspunderea exclusivă a fabricantului identificat mai sus.

Semnată pentru și în numele fabricantului de către:
Frank Verlinden, Head of Product Management

Frank Verlinden

Oosterzele, 01/12/2023



| | |
|---|--|
| 1. Jedinečný identifikačný kód typu výrobku: | KAMOUFLAGE MP |
| 2. Zamýšľané použitie/použitia: | Uzáver systému odsávania dymu, ktorý sa používa v systémoch odvodu dymu v jednodukových alebo vo viacdukových aplikáciách pri dosiahnutí teploty ohňa. |
| 3. Výrobca: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. Systém(-y) posudzovania a overovania nemennosti parametrov: | Systém 1 |
| 5. Harmonizovaná norma / Európsky hodnotiaci dokument; notifikovaný(-é) subjekt(-y) / Európske technické posúdenie, orgán technického posudzovania, notifikovaný(-é) subjekt(-y); certifikát o nemennosti parametrov: | EN 12101-8:2011, Efectis s identifikačným číslom 1812; Efectis_1812_CPR_1646 |
| 6. Deklarované vlastnosti podľa normy EN 12101-8:2011 | (Odolnosť voči ohňu podľa normy EN 1366-10 a klasifikácie podľa normy EN 13501-4) |

| Základné charakteristiky | | | | | Vlastnosti |
|---|---|---|---|---|--|
| Rozsah | Výrobku | Typ | Materiál | Inštalácie | Klasifikácia |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Kanál | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 30 mm | | |
| | | | Geotec ≥ 30 mm | | |
| | | | Tecniver ≥ 35 mm | | |
| | | | Glasroc F V500 ≥ 35 mm | | |
| | | | Exthamat ≥ 25 mm | | |
| | Kamouflage 120 MP | Kanál | Desenfire HD ≥ 25 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Betón ≥ 90 mm | | |
| | | | Murivo, betónové tvárnice, betón ≥ 100 mm | | |
| | | | Promatect L500 ≥ 40 mm | | |
| | | | Geoflam ≥ 35 mm | | |
| | | | Tecniver ≥ 45 mm | | |
| Kamouflage 120 MP | Kanál | Exthamat ≥ 30 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | Desenfire THD ≥ 25 mm | | | |
| | | Betón ≥ 90 mm | | | |
| | | Murivo, betónové tvárnice, betón ≥ 100 mm | | | |
| | | Promatect L500 ≥ 50 mm | | | |
| | | Geoflam ≥ 45 mm | | | |
| | Šachta | Geoflam Light ≥ 35 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | Geotec ≥ 45 mm | | | |
| | | Tecniver ≥ 50 mm | | | |
| | | Glasroc F V500 ≥ 50 mm | | | |
| | | Exthamat ≥ 35 mm | | | |
| | | Desenfire HD ≥ 35 mm | | | |
| Šachta | Desenfire ≥ 45 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | |
| | Desenfire STR ≥ 25 mm | | | | |
| | Murivo, betónové tvárnice, betón ≥ 100 mm | | | | |

1 Typ inštalácie: montáž v kanáli/montáž na šachte 0/180°. Minimálne medzi vzdialenosti oprávnený.



| | |
|--|---|
| Nominálne aktivačné podmienky/citlivosť: | Vyhovuje – automatická aktivácia |
| Oneskorenie (doba reakcie): doba uzavretia | Vyhovuje – automatická aktivácia |
| Prevádzková spoľahlivosť: cyklovanie | 10000 cyklov (bez zaťaženia) |
| Stálosť oneskorenia odzvy: | Vyhovuje |
| Stálosť prevádzkovej spoľahlivosti: | Vyhovuje |
| Schválené príslušenstvo | Montážny rám EASY-KAP ME/MP alebo EASY-KGC ME/MP; motorom VA MP MEC |
| Vysoká prevádzková teplota (HOT 400/30): | Bez určeného výkonu |

Uvedené parametre výrobku sú v zhode so súborom deklarovovaných parametrov. Toto vyhlásenie o parametroch sa v súlade s nariadením (EÚ) č. 305/2011 vydáva na výhradnú zodpovednosť uvedeného výrobcu.

Podpísané za výrobcu a jeho menom:
Frank Verlinden, Head of Product Management

Oosterzele, 01/12/2023



| | |
|--|---|
| 1. Tuotetyypin yksilöllinen tunniste: | KAMOUFLAGE MP |
| 2. Aiottu käyttötarkoitus (aiotut käyttötarkoitukset): | Savunpoistoluukku savunhallintajärjestelmiin, usean osaston käyttökohteissa tulipalolämpötiloissa, tai yhden osaston käyttökohteissa. |
| 3. Valmistaja: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. Suoritustason pysyvyyden arvioinnissa ja varmentamisessa käytetty järjestelmä/käytetyt järjestelmät: | Järjestelmä 1 |
| 5. Yhdenmukaistettu standardi / Eurooppalainen arviointiasiakirja; ilmoitettu laitos/ilmoitetut laitokset / Eurooppalainen tekninen arviointi, teknisestä arvioinnista vastaava laitos, ilmoitettu laitos/ilmoitetut laitokset; sertifikaatin suoritustasojen pysyvyydest: | EN 12101-8:2011, Efectis, nro. 1812; Efectis_1812_CPR_1646 |
| 6. Ilmoitetut suoritustasot standardin mukaisesti EN 12101-8:2011 | (Palonkestävyys standardin EN 1366-10 ja luokitukset standardin EN 13501-4 mukaisesti) |

| Perusominaisuudet | | | | | Suoritustaso |
|---|--|--|---|---|--|
| Alue | Tuote | Tapa | Materiaali | Asennus | Luokitus |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Kanava | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 30 mm | | |
| | | | Geotec ≥ 30 mm | | |
| | | | Tecniver ≥ 35 mm | | |
| | | | Glasroc F V500 ≥ 35 mm | | |
| | | | Exthamat ≥ 25 mm | | |
| | Kamouflage 120 MP | Kanava | Desenfire HD ≥ 25 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Betoni ≥ 90 mm | | |
| | | | Muuraus-, betoni lohkot, betoni ≥ 100 mm | | |
| | | | Promatect L500 ≥ 40 mm | | |
| | | | Geoflam ≥ 35 mm | | |
| | | | Tecniver ≥ 45 mm | | |
| Kamouflage 120 MP | Kanava | Exthamat ≥ 30 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | Desenfire THD ≥ 25 mm | | | |
| | | Betoni ≥ 90 mm | | | |
| | | Muuraus-, betoni lohkot, betoni ≥ 100 mm | | | |
| | | Promatect L500 ≥ 50 mm | | | |
| | | Geoflam ≥ 45 mm | | | |
| | Kuilu | Geoflam Light ≥ 35 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | Geotec ≥ 45 mm | | | |
| | | Tecniver ≥ 50 mm | | | |
| | | Glasroc F V500 ≥ 50 mm | | | |
| | | Exthamat ≥ 35 mm | | | |
| | | Desenfire HD ≥ 35 mm | | | |
| Kuilu | Desenfire ≥ 45 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | |
| | Desenfire STR ≥ 25 mm | | | | |
| | Muuraus-, betoni lohkot, betoni ≥ 100 mm | | | | |

1 Asennustapa: kanavaan/kuiluun asennettu 0/180°. Vähäinen etäisyydet sallittua.



| | |
|--|--|
| Nimelliset aktiivitoimisolosuhteet / herkkyydet: | Hyväksytyt - automaattinen aktiointi |
| Reaktiivie (vasteaika): sulkeutumisaika | Hyväksytyt - automaattinen aktiointi |
| Toiminnan luotettavuus: mukaisesti toistettavuus | 10000 jaksoa (ilman kuormaa) |
| Reaktiivie säilyvyys: | Hyväksytyt |
| Toiminnan luotettavuus: | Hyväksytyt |
| Hyväksytyt Lisävarusteet | EASY-KAP ME/MP- tai EASY-KGC ME/MP-kiinnityskehys; moottorilla VA MP MEC |
| Korkea käyttölämpötila (HOT 400/30): | NPD (suoritustasoa ei määritetty) |

Edellä yksilöidyn tuotteen suoritustaso on ilmoitettujen suoritustasojen joukon mukainen. Tämä suoritustasoilmoitus on asetuksen (EU) N:o 305/2011 mukaisesti annettu edellä ilmoitetun valmistajan yksinomaisella vastuulla.

Valmistajan puolesta allekirjoittanut:
Frank Verlinden, Head of Product Management

Frank Verlinden

Oosterzele, 01/12/2023



Yhdenmukaistettu standardi
EN 12101-8:2011

| | |
|--|--|
| 1. Produkttypens unika identifikationskod: | KAMOUFFLAGE MP |
| 2. Avsedd användning/avsedda användningar: | Rökkontrollspjäll som ska användas i rökkontrollsystem, lämplig för en eller flera brandceller vid brandtemperaturer eller för enskilda brandceller. |
| 3. Tillverkare: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. System för bedömning och fortlöpande kontroll av prestanda: | System 1 |
| 5. Harmoniserad standard / Europeiskt bedömningsdokument; anmält/anmälda organ / Europeisk teknisk bedömning, tekniskt bedömningsorgan, anmält/anmälda organ; intyg om kontinuitet för produktens prestanda: | SS-EN 12101-8:2011, Efectis med identifikationsnummer 1812; Efectis_1812_CPR_1646 |
| 6. Angiven prestanda enligt EN 12101-8:2011 | (brandmotstånd enligt SS-EN 1366-10 och klassificeringar enligt SS-EN 13501-4) |

| Viktiga egenskaper | | | | | Prestanda | | |
|---|------------------------|---------------------------------------|---------------------------------------|---|--|---|---|
| Storlek | Produkt | Typ | Material | Montering | Klassificering | | |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Kanal | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | |
| | | | Geoflam ≥ 30 mm | | | | |
| | | | Geotec ≥ 30 mm | | | | |
| | | | Tecniver ≥ 35 mm | | | | |
| | | | Glasroc F V500 ≥ 35 mm | | | | |
| | | | Exthamat ≥ 25 mm | | | | |
| | Kamouflage 120 MP | Schakt | Desenfire HD ≥ 25 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | |
| | | | Betong ≥ 90 mm | | | | |
| | | | Murverk, betongblock, betong ≥ 100 mm | | | | |
| | | | Promatect L500 ≥ 40 mm | | | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 35 mm | | | | |
| | | | Tecniver ≥ 45 mm | | | | |
| Exthamat ≥ 30 mm | | | | | | | |
| Desenfire THD ≥ 25 mm | | | | | | | |
| Betong ≥ 90 mm | | | | | | | |
| Kamouflage 120 MP | Kanal | Murverk, betongblock, betong ≥ 100 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | | |
| | | Promatect L500 ≥ 50 mm | | | | | |
| | | Geoflam ≥ 45 mm | | | | | |
| | | Geoflam Light ≥ 35 mm | | | | | |
| | | Geotec ≥ 45 mm | | | | | |
| | | Tecniver ≥ 50 mm | | | | | |
| | Glasroc F V500 ≥ 50 mm | | | | | | |
| | Schakt | Exthamat ≥ 35 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | | |
| | | Desenfire HD ≥ 35 mm | | | | | |
| | | Desenfire ≥ 45 mm | | | | | |
| | | Desenfire STR ≥ 25 mm | | | | | |
| | | Murverk, betongblock, betong ≥ 100 mm | | | | | |
| Murverk, betongblock, betong ≥ 100 mm | | | | | | | |

1 Typ av installation: kanalmonterad/schaktmonterad 0/180°. Minimala mellanliggande avstånd godkänt.



| | |
|--|--|
| Nominella aktiveringsvillkor/känslighet: | Godkänd – automatisk aktivering |
| Responsfördröjning (responstid): stängningstid | Godkänd – automatisk aktivering |
| Driftsäkerhet: cykliskt omlopp | 10 000 cykler (ingen belastning) |
| Responsfördröjningens varaktighet: | Godkänd |
| Hållbar driftsäkerhet: | Godkänd |
| Godkända Tillbehör | monteringsram EASY-KAP ME/MP eller EASY-KGC ME/MP; VA MP MEC-motor |
| Hög drifttemperatur (HOT 400/30): | NPD (inga fastställda prestanda) |

Prestandan för ovanstående produkt överensstämmer med den angivna prestandan. Denna prestandadeklaration har utfärdats i enlighet med förordning (EU) nr 305/2011 på eget ansvar av den tillverkare som anges ovan.

Undertecknat för tillverkaren av:
Frank Verlinden, Head of Product Management

Frank Verlinden

Oosterzele, 01/12/2023



| | |
|--|--|
| 2. identificatiemiddel voor bouwproduct | KAMOUFFLAGE MP |
| 2. Tenkt til bruk av konstruksjonsproduktet: | Røykevakueringssluge skal brukes i røykkontrollsystemer, til bruk i flere avdelinger ved branntemperaturer, eller til bruk i enkelte avdelinger. |
| 3. Produsenten: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. System for bedømmelse og bekreftelse av varighet på ytelse på konstruksjonsproduktet: | System 1 |
| 5. Harmonisert standard / EAD; sertifiseringsgruppe / ETA, teknisk kontrollorgan, sertifiseringsgruppe; sertifikat om bekreftelse på ytelse: | EN 12101-8:2011, Efectis med identifikasjonsnummer 1812; Efectis_1812_CPR_1646 |
| 6. Bekreftet ytelse i henhold til EN 12101-8:2011 | (Brannmotstand i henhold til EN 1366-10 og klassifisering i henhold til EN 13501-4) |

| Vesentlige egenskaper | | | | | Ytelse | | | | |
|---|---|---|---|--------------|--|-------|------------------------|---|---|
| Serie | Produkt | Type | Materialet | Installasjon | Klassifisering | | | | |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Kanal | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | | | |
| | | | Geoflam ≥ 30 mm | | | | | | |
| | | | Geotec ≥ 30 mm | | | | | | |
| | | | Tecniver ≥ 35 mm | | | | | | |
| | | | Glasroc F V500 ≥ 35 mm | | | | | | |
| | | | Exthamat ≥ 25 mm | | | | | | |
| | | Desenfire HD ≥ 25 mm | | | | | | | |
| | | Aksel | Betong ≥ 90 mm | | | | | | |
| | | Murverk, betongblokker, betong ≥ 100 mm | | | | | | | |
| Kamouflage 120 MP | Kamouflage 120 MP | Kanal | Promatect L500 ≥ 40 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi | | | | |
| | | | Geoflam ≥ 35 mm | | | | | | |
| | | | Tecniver ≥ 45 mm | | | | | | |
| | | | Exthamat ≥ 30 mm | | | | | | |
| | | | Desenfire THD ≥ 25 mm | | | | | | |
| | | | Betong ≥ 90 mm | | | | | | |
| | | Aksel | Murverk, betongblokker, betong ≥ 100 mm | | | | | | |
| | | Kamouflage 120 MP | Kamouflage 120 MP | | | Kanal | Promatect L500 ≥ 50 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | | | | | Geoflam ≥ 45 mm | | |
| Geoflam Light ≥ 35 mm | | | | | | | | | |
| Geotec ≥ 45 mm | | | | | | | | | |
| Tecniver ≥ 50 mm | | | | | | | | | |
| Glasroc F V500 ≥ 50 mm | | | | | | | | | |
| Exthamat ≥ 35 mm | | | | | | | | | |
| Desenfire HD ≥ 35 mm | | | | | | | | | |
| Desenfire ≥ 45 mm | | | | | | | | | |
| Desenfire STR ≥ 25 mm | | | | | | | | | |
| Aksel | Murverk, betongblokker, betong ≥ 100 mm | | | | | | | | |

1 Type installasjon: kanalmontert/akselmontert 0/180°. Minimal mellomvei avstander autorisert.



| | |
|---|--|
| Nominelle aktiveringsforhold/sensitivitet: | Gjennomløp – Automatisk aktivering |
| Responsforsinkelse (responstid): avslutningstid | Gjennomløp – Automatisk aktivering |
| Driftspålitelighet: syklus | 10000 sykkluser (uten belastning) |
| Varighet på responsforsinkelse: | Pass |
| Varighet på driftspålitelighet: | Pass |
| Godkjent Tilbehør | EASY-KAP ME/MP eller EASY-KGC ME/MP monteringsramme; motor VA MP MEC |
| Høy driftstemperatur (HOT 400/30): | NPD (ingen ytelse fastslått) |

Ytelsen på produktet identifisert ovenfor er i samsvar med den erklærte ytelsen. I henhold til forordning (EU) nr 305/2011, er denne erklæringen av ytelse utgitt under ansvaret til produsent nevnt ovenfor.

Underskrevet for, og på vegne av produsenten av:
Frank Verlinden, Head of Product Management

Frank Verlinden

Oosterzele, 01/12/2023



Harmonisert standard
EN 12101-8:2011

| | |
|--|---|
| Enotna identifikacijska oznaka tipa proizvoda: | KAMOUFLAGE MP |
| 2. Področje uporabe: | Dimoodvodne lopute se uporabljajo v sistemih za odvod dima in toplote kot več-sektorske pri temperaturi požara ali kot eno-sektorske. |
| 3. Proizvajalec: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. Sistem ocenjevanja in preverjanja nespremenljivosti lastnosti gradbenega proizvoda: | Sistem 1 |
| 5. Harmoniziran standard/Evropski ocenjevalni dokument ; Priglašen organ/ Evropska tehnična ocena, Organ za tehnično ocenjevanje, priglašen organ ; Certifikat o nespremenljivosti lastnosti proizvoda | EN 12101-8:2011, Efectis z identifikacijsko številko 1812; Efectis_1812_CPR_1646 |
| 6. Deklarirane lastnosti po EN 12101-8:2011 | (Požarna odpornost po EN 1366-10 in klasifikacija po EN 13501-4) |

| Bistvene lastnosti | | | | | Lastnost | |
|---|-------------------|-------|---|---|---|---|
| Območje | Proizvod | Vrsta | Material | Vgradnja | Klasifikacija | |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Kanal | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | | Geoflam ≥ 30 mm | | | |
| | | | Geotec ≥ 30 mm | | | |
| | | | Tecniver ≥ 35 mm | | | |
| | | | Glasroc F V500 ≥ 35 mm | | | |
| | | | Exthamat ≥ 25 mm | | | |
| | Kamouflage 120 MP | Kanal | Desenfire HD ≥ 25 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | | Beton ≥ 90 mm | | | |
| | | | 43/5000 Zidarstvo, betonski bloki, beton ≥ 100 mm | | | |
| Kamouflage 120 MP | Kanal | Kanal | Promatect L500 ≥ 40 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | | Geoflam ≥ 35 mm | | | |
| | | | Tecniver ≥ 45 mm | | | |
| | | | Exthamat ≥ 30 mm | | | |
| | | | Desenfire THD ≥ 25 mm | | | |
| | | | Beton ≥ 90 mm | | | |
| | Kamouflage 120 MP | Kanal | Kanal | 43/5000 Zidarstvo, betonski bloki, beton ≥ 100 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | | Promatect L500 ≥ 50 mm | | |
| | | | | Geoflam ≥ 45 mm | | |
| Kamouflage 120 MP | Kanal | Kanal | Geoflam Light ≥ 35 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | | Geotec ≥ 45 mm | | | |
| | | | Tecniver ≥ 50 mm | | | |
| | | | Glasroc F V500 ≥ 50 mm | | | |
| | | | Exthamat ≥ 35 mm | | | |
| | | | Desenfire HD ≥ 35 mm | | | |
| Kamouflage 120 MP | Kanal | Kanal | Desenfire ≥ 45 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | | Desenfire STR ≥ 25 mm | | | |
| | | | 43/5000 Zidarstvo, betonski bloki, beton ≥ 100 mm | | | |

1 Tip vgradnje: vgradnja v kanal/na jašek 0-180°. Minimalna predpisana razdalja.



| | |
|--|--|
| Nominalni pogoji aktivacije / občutljivost: | Ustreza: avtomatsko proženje |
| Zakasnitev aktivacije (odzivni čas): čas zapiranja | Ustreza: avtomatsko proženje |
| Zanesljivost delovanja: ponovljivost | 10000 ciklov (brez obremenitve) |
| Trajnostna vzdržljivost zakasnitve aktivacije: | Ustreza |
| Trajnostna zanesljivost delovanja: | Ustreza |
| Odobreni dodatki: | EASY-KAP ME/MP / EASY-KGC ME/MP vgradni okvir; motor VA MP MEC |
| Visoka delovna temperatura (HOT 400/30): | NPD (lastnosti ni določena) |

Lastnosti proizvoda, navedenega zgoraj, so v skladu z navedenimi lastnostmi. Ta izjava o lastnostih je izdana v skladu s standardom (EU) št. 305/2011, za izdajo te izjave o lastnostih je odgovoren izključno proizvajalec, ki je naveden zgoraj.

V imenu in za proizvajalca podpisal:
Frank Verlinden, Head of Product Management

Oosterzele, 01/12/2023



DECLARATION OF PERFORMANCE

CE_DoP_Rf-t_V28_EN ■ D-01/12/2023

| | |
|--|--|
| 1. Unique identification code of the product-type: | KAMOUFFLAGE MP |
| 2. Intended use/es: | Smoke control damper to be used in smoke control systems, in multi-compartment applications at fire temperatures, or in single-compartment applications. |
| 3. Manufacturer: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. System/s of AVCP: | System 1 |
| 5. Harmonised standard / European Assessment Document; notified body / European Technical Assessment, Technical Assessment Body, notified body; certificate of constancy of performance: | EN 12101-8:2011, Efectis with identification number 1812; Efectis_1812_CPR_1646 |
| 6. Declared performance according to EN 12101-8:2011 | (fire resistance according to EN 1366-10, classification according to EN 13501-4) |

| Essential characteristics | | | | | Performance |
|---|-------------------|---|---|---|---|
| Range | Product | Type | Material | Installation | Classification |
| 350x385 mm ≤ Kamouflage 1V MP ≤ 700x1075 mm | Kamouflage 60 MP | Duct | Promatect L500 ≥ 30 mm | 1 | EI 60 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 30 mm | | |
| | | | Geotec ≥ 30 mm | | |
| | | | Tecniver ≥ 35 mm | | |
| | | | Glasroc F V500 ≥ 35 mm | | |
| | | | Exthamat ≥ 25 mm | | |
| | Kamouflage 120 MP | Duct | Promatect L500 ≥ 40 mm | 1 | EI 90 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Geoflam ≥ 35 mm | | |
| | | | Tecniver ≥ 45 mm | | |
| | | | Exthamat ≥ 30 mm | | |
| | | | Desenfire THD ≥ 25 mm | | |
| | | | Desenfire HD ≥ 25 mm | | |
| Kamouflage 120 MP | Duct | Promatect L500 ≥ 50 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | Geoflam ≥ 45 mm | | | |
| | | Geoflam Light ≥ 35 mm | | | |
| | | Geotec ≥ 45 mm | | | |
| | | Tecniver ≥ 50 mm | | | |
| | | Glasroc F V500 ≥ 50 mm | | | |
| | Shaft | Shaft | Concrete ≥ 90 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi |
| | | | Masonry, concrete blocks, concrete ≥ 100 mm | | |
| | | | Concrete ≥ 90 mm | | |
| | | | Masonry, concrete blocks, concrete ≥ 100 mm | | |
| | | | Concrete ≥ 90 mm | | |
| | | | Masonry, concrete blocks, concrete ≥ 100 mm | | |
| Shaft | Shaft | Concrete ≥ 90 mm | 1 | EI 120 (v _{ed} i ↔ o) S 1500 C10000 AA multi | |
| | | Masonry, concrete blocks, concrete ≥ 100 mm | | | |
| | | Concrete ≥ 90 mm | | | |
| | | Masonry, concrete blocks, concrete ≥ 100 mm | | | |
| | | Concrete ≥ 90 mm | | | |
| | | Masonry, concrete blocks, concrete ≥ 100 mm | | | |

1 Type of installation: in duct/shaft-mounted 0/180°. Minimal in-between distances authorised.



| | |
|--|--|
| Nominal activation conditions/sensitivity: | Pass - automatic activation |
| Response delay (response time): closure time | Pass - automatic activation |
| Operational reliability: cycling | 10000 cycles (no load) |
| Durability of response delay: | Pass |
| Durability of operational reliability: | Pass |
| Approved accessories | EASY-KAP ME/MP or EASY-KGC ME/MP mounting frame; motor VA MP MEC |
| High operational temperature (HOT 400/30): | NPD (no performance determined) |

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Frank Verlinden, Head of Product Management

Frank Verlinden

Oosterzele, 01/12/2023



Harmonised standard
 EN 12101-8:2011