WÜRTH

Promat

FIRESTOP SOLUTIONS

WÜRTH INSIGHT

WÜRTH Headquarters – Künzelsau, Germany

- **More than 1,25,000 products**
- **More than 87,000 employees worldwide**
- **4 million customers worldwide**
- **Over 400 companies in more than 80 countries**
- **Standard & Poor's rating: A Stable**
- **2023 Sales: EUR 21 Billion**

We make connections worldwide

WUERTH INDIA PRESENCE

SALES OFFICE
ZONAL OFFICE
WAREHOUSE

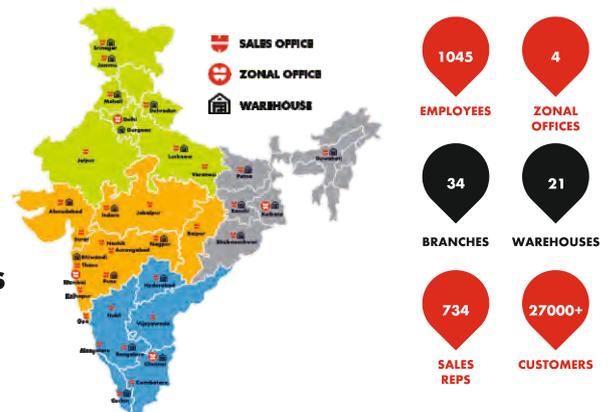| 1045	4
EMPLOYEES	ZONAL OFFICES
34	21
BRANCHES	WAREHOUSES
734	27000+
SALES REPS	CUSTOMERS

WUERTH INDIA

Central Support Centre – Mumbai

Regional Support Centre – Chennai | Delhi | Kolkata

Over 1045 employees working in across 35 locations to serve the customers

Our product range includes products for Automotive Technology/Service Maintenance, Chemicals, Paints, Engine Oils, Adhesives/Abrasives, Cutting Devices, Fasteners, Furniture and Construction Fittings, Dowel Technology, Industrial Safety and much more.

BUSINESS AREAS

AUTO
- Auto Repair Shops
- Car Dealers
- Body Shops
- Motorcycle Repair Shops
- Smash Repair Shops
- Auto Electricians

MOTORBIKE
- Body Shops
- Motorcycle Repair Shops
- Smash Repair Shops
- Auto Electricians

CARGO
- OEM Dealers
- Authorized Workshops
- Multi-brand Workshops
- Forwarding Companies
- Transport Operators
- Body Building Units

METAL
- Metalworking Industry
- Fabrication Industry
- Maintenance, Repair & Operations
- Furniture Manufacturers
- Electrical Installations
- Turnery/Milling Shop

CONSTRUCTION
- Construction Companies
- Door & Window Frame Installation
- Facade Contractors
- Construction Project
- EPC Contractors

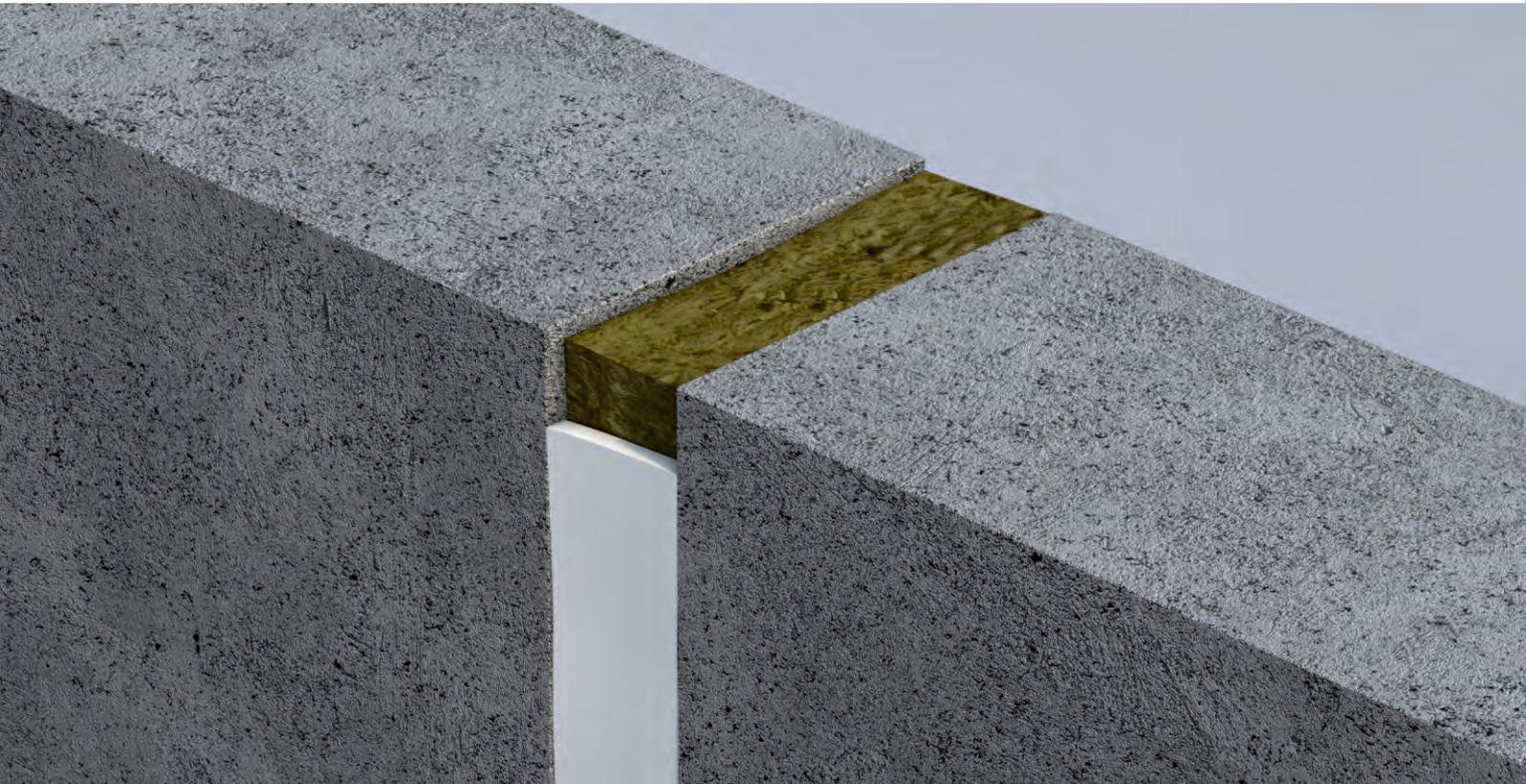**PAINTS**
- Body Shops
- OEM Dealers
- Multi Brand Workshops
- Body Building Units
- Industries

CONTENTS

FIRESTOPPING ACRYLIC SEALANT

Product Data Sheet

FIRESTOPPING ACRYLIC SEALANT
Product Data Sheet

General description
PROMASEAL®-A is an acrylic-based, single component fire stopping sealant. Joints without movement can be sealed quickly and securely thanks to its outstanding application qualities. A common emulsion paint can be used to colour the joints.

Fields of application
PROMASEAL®-A is a fire stopping sealant for joints in walls and floors with a maximum movement of 7.5%.

PROMASEAL®-A can also be used as an annular clearance seal between structural components and sustained insulation.

PROMASEAL®-A can be used as smoke seal in any joint or annual space. It prevent the spread of "cold" smoke.

System advantages / customer benefit
- Can be painted
- Good adhesion to various substrates

Test certificate / approval
- EN 1366-3/4
- EN 13501-1/2
- ETAG 026-2/3

Packaging
- 310 ml cartridges
- 12 cartridges/box
- 1248 cartridges/pallet Subject to change.

Storage requirements
- Store in cool and dry conditions: 3°C - 40°C
- Shelf life of original sealed containers at least 12 months
- Once opened, containers should be finished swiftly

Safety instructions
- Please refer to the safety data sheet for additional advice

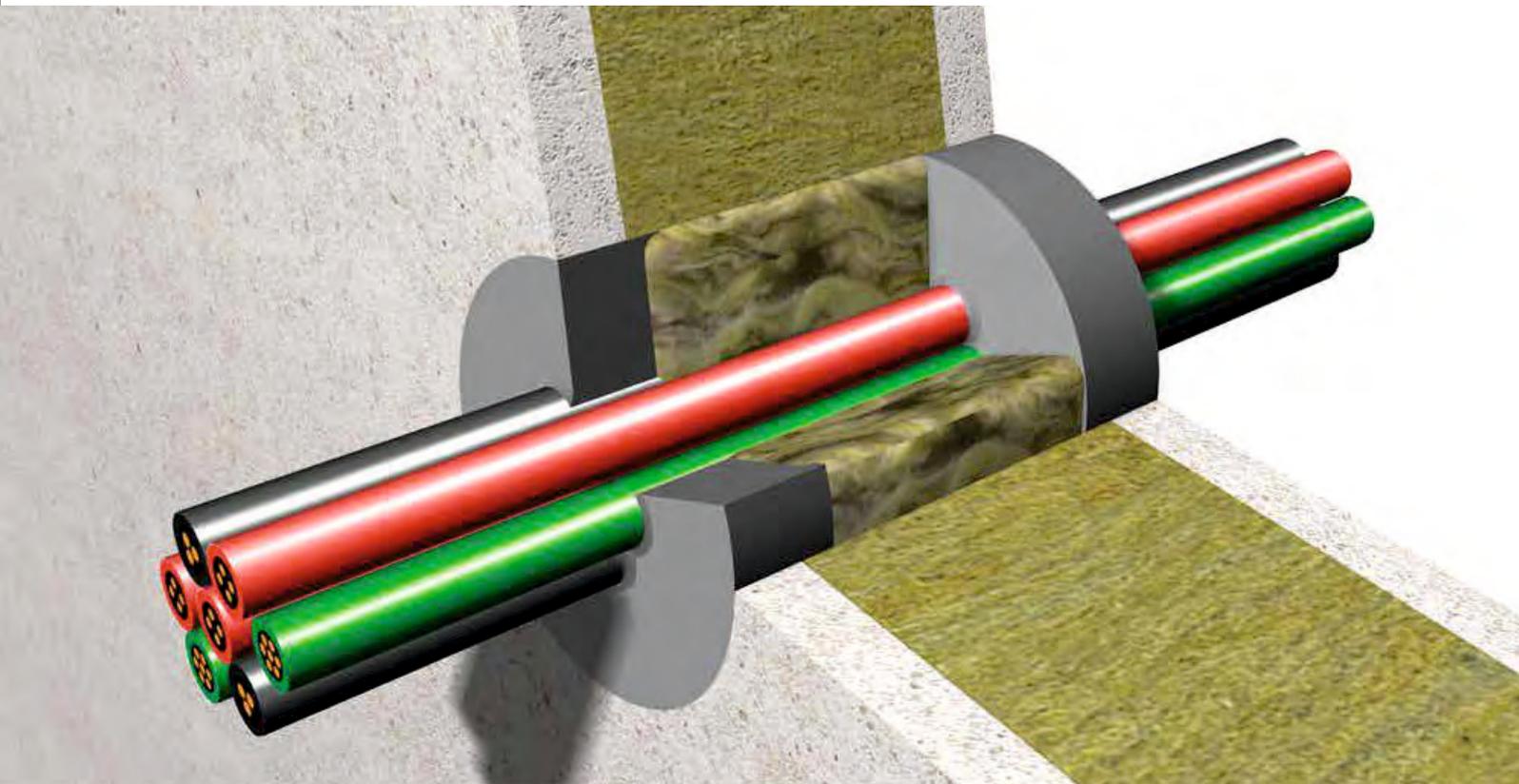| Technical data and properties	
Colour	white/grey
Consistency	paste
Density	wet : 1,6 ± 0,2 g/cm³ dry : 1,8 ± 0,2 g/cm³
Solid content	86 ± 5 wt%
Movement capabilities	elongation minimum 15% compression minimum 15%
Use category	Class Y
Reaction to Fire	Class D-S2, d0

Application instructions
- For good adhesion the surfaces of the building elements shall be free of any dust or grease and may need to be primed. On good clean, virgin concrete & masonry, no priming required.
- Ensure that the aperture and services in question are tested with PROMASEAL® A Sealant and the site conditions are within the application specification.
- An annular space needs to be present around the service to apply sufficient installation depth.
- All services and apertures need to be clean and clear of all dust and loose particles. The aperture temperature needs to be at +5°C or above at time of installation.
- The PROMASEAL® A Sealant is either gunned or trowelled into the aperture in or between the separating element/elements to a specific depth utilising various backing materials.
- Upon installation make sure that you install the PROMASEAL® A Sealant around all services needed.
- Once compacted, smooth off the PROMASEAL® A Sealant to produce a professional finish

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FIRESTOPPING MASTIC

Product Data Sheet

FIRESTOPPING MASTIC

Product Data Sheet

Technical data and properties

Colour	grey
Consistency	paste
Density	wet : 1,5 ± 0,2 g/cm³ dry : 1,6 ± 0,2 g/cm³
Expansion ratio	approx. 1:13 (550 °C)
Solid content	84 ± 5 wt%
Expansion pressure	approx. 0,9 N/mm²
Use category	Class Y₁
Reaction to fire	Class B-S1, d0
Expansion temperature	approx. 150 °C

General description
PROMASEAL®-AG is an acrylic-based, intumescent, single component fire stopping sealant, which creates high pressure on expansion.

Fields of application
PROMASEAL®-AG is a fire stopping sealant for walls and floors. It is designed for use with cables, cable jackets, cable bundles and combustible and non-combustible pipes with combustible insulation to prevent the spread of smoke, fire and heat.

System advantages / customer benefit
- Expands under pressure
- Can be painted
- Good adhesion to various substrates

Test certificate / approval
- EN 1366-3
- EN 13501-1/2
- ETAG 026-2

Packaging
- 310 ml cartridges
- 12 cartridges/box
- 1488 cartridges/pallet Subject to change.

Storage requirements
- Store in cool and dry conditions: 3°C - 40°C
- Shelf life of original sealed containers at least 12 months
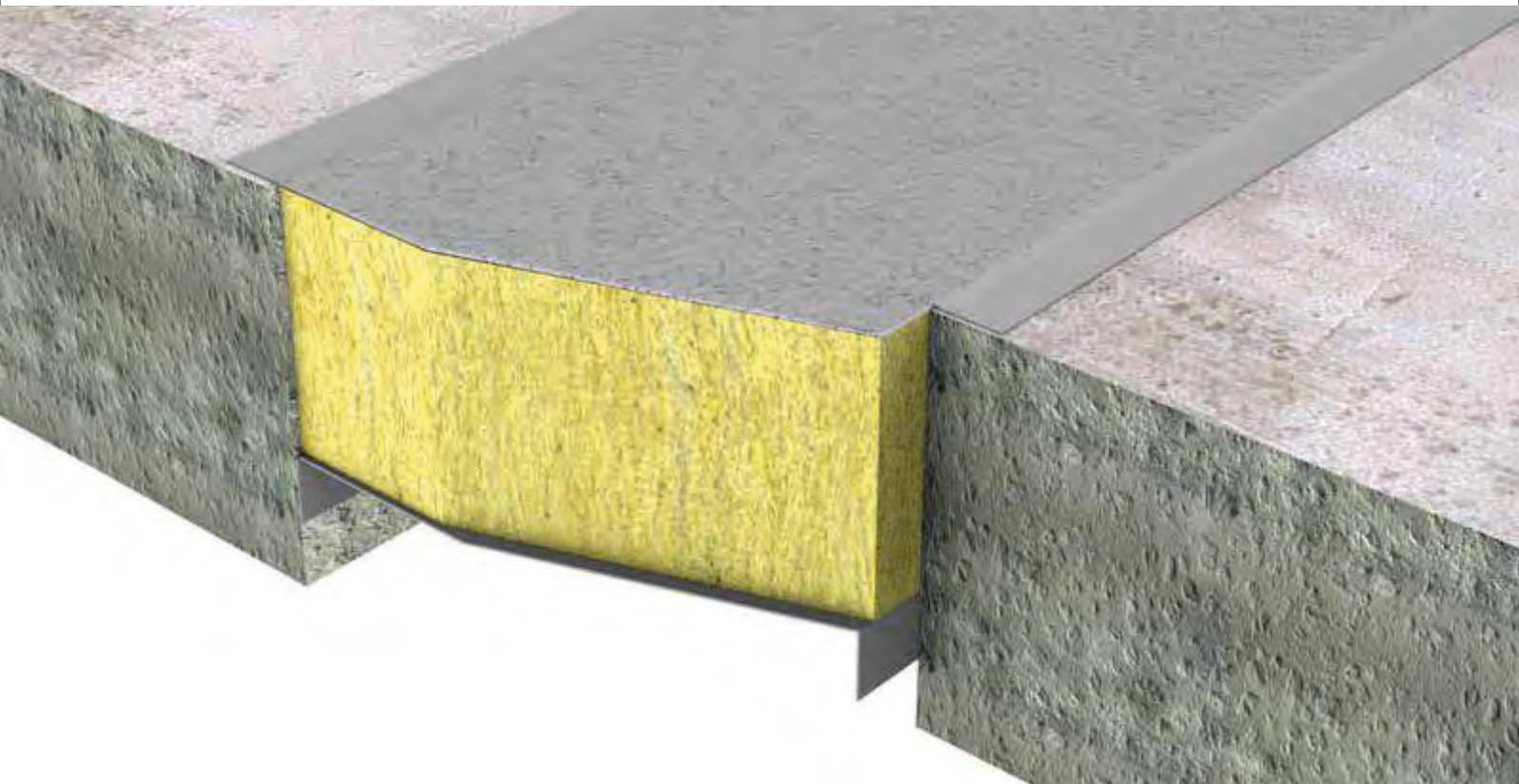- Once opened, containers should be finished swiftly

Safety instructions
- Please refer to the safety data sheet for additional advice

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FIRESTOPPING ACRYLIC SPRAYABLE

Product Data Sheet

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FIRESTOPPING ACRYLIC SPRAYABLE

Product Data Sheet

General technical properties

Colour	grey/white
Density	1,35 g/cm³
Viscosity	approx. 60.000 mPa.s
Solid Content	approx. 70 %
Ash Content	approx. 30 %
Shore A	40
Tensile Strength	0,35 MPa
Elongation before failure	approx. 250 %
Reaction to fire	Class C-S2, d0

General description
PROMASEAL®-A Spray is an acrylic based, single component fire stopping sealant. It forms a flexible seal once dry, is very suitable for accommodating movement and is also resistant to moisture.

Fields of application
PROMASEAL®-A Spray is a fire stopping sealant for services in walls and floors. It is designed for use within joints where movement is possible, around cables, combustible and non-combustible pipes to seal against the spread of smoke and fire.

System advantages / customer benefit
- 30 % movement capability (tested during exposure to fire)
- Excellent adhesion qualities
- Moisture resistant once dry

Test certificate / approval
- EN 1366-3/4
- EN 13501-2
- ETA6 026-3

Packaging
- 12 kg plastic bucket
- 33 buckets /pallet
- 396 kg/pallet Subject to change.

Storage requirements
- Store in cool and dry conditions: 3°C - 40°C
- Protect from heat and frost
- Shelf life of original sealed containers at least 12 months
- Once opened, containers should be finished swiftly
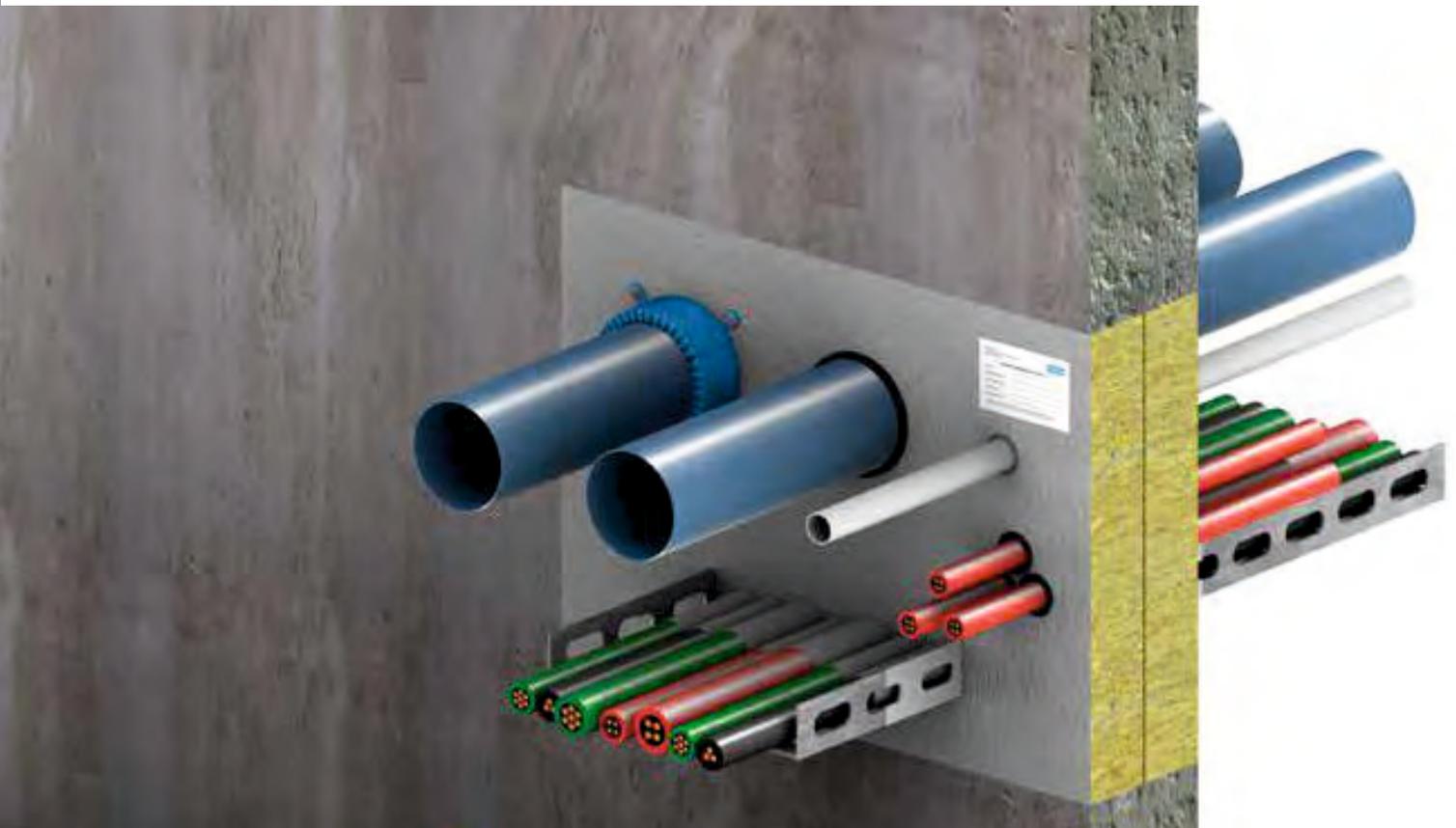
Safety instructions
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FIRESTOPPING COATING

Product Data Sheet

FIRESTOPPING COATING
Product Data Sheet

Technical data and properties

	applied by brush
Colour	light grey
Consistency	liquid
Density	1,5 ± 0,2 g/cm³
Use category	Class X
Reaction to fire	Class B-S1, d0
VOC Content	0 g/l
Expansion temperature	approx. 190 °C

General description
PROMASTOP®-CC is a water-based 'hybrid' fire stopping coating. It combines the positive qualities of intumescent and ablative coatings. In the field of fire stopping penetrations, PROMASTOP®-CC provides reliable protection against the spread of smoke, fire and heat due to its foaming effect and simultaneous formation of a hard and solid char.

Fields of application
PROMASTOP®-CC is a fire stopping coating for services in walls and floors. It is designed for use with single cables, cable bundles, combustible and non-combustible pipes, fire dampers and also insulated ventilation systems to prevent the spread of smoke, fire and heat. There is also an application for PROMASTOP®-CC to prevent fire from spreading along cables and cable bundles.

System advantages / customer benefit
- Suitable for use in damp rooms (i.e. high humidity levels, splashing water, etc.)
- Excellent adhesive properties
- Minimal section insulation for all cable groups

Test certificate / approval
- EN1366-3/4
- EN13501-1/2
- ETAG 026-2

Packaging
- 12,5 kg plastic buckets
- 44 buckets/palett
- 550 kg/palett Subject to change.

Storage requirements
- Store in cool and dry conditions: 3°C - 40°C
- Shelf life of original sealed containers at least 6 months
- Once opened, containers should be finished swiftly

Safety instructions
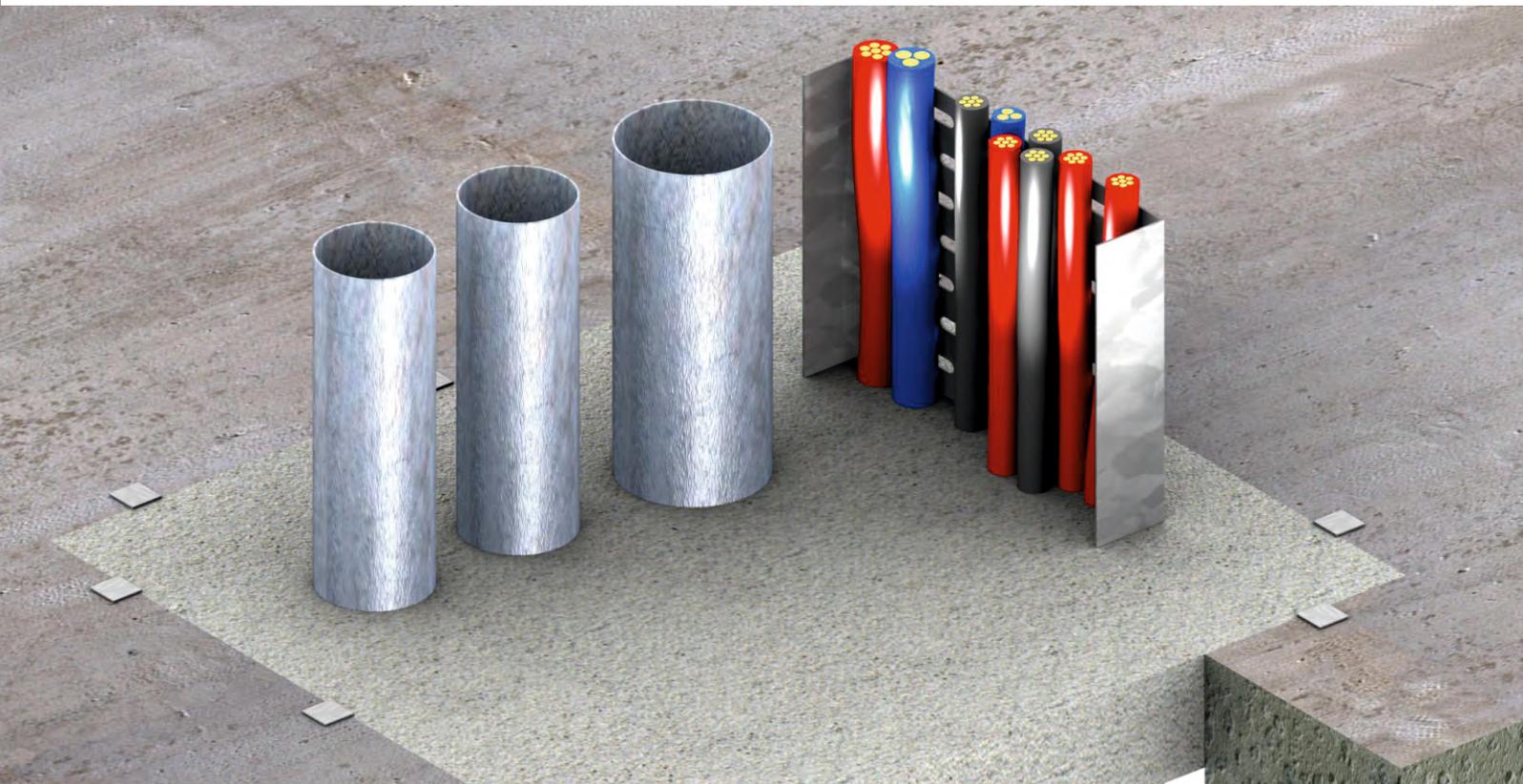- Please refer to the safety data sheet for additional advice

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FIRESTOPPING COMPOUND

Product Data Sheet

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FIRESTOPPING COMPOUND

Product Data Sheet

Product description

PROMASEAL® Compound is a gypsum-based mortar material, used to reinstate the fire resistance performance of floor and wall constructions where they have been provided with apertures for the penetrations of multiple services. PROMASEAL® Compound is supplied as a dry material and is mixed with water to the required ratio prior to installation. The intended use of PROMASEAL® Compound is to reinstate the fire resistance performance of rigid wall and floor constructions where they are penetrated by various cables and metallic pipes.

By Weight Powder : Water

Pourable Mix	100 : 60

Technical Data

Description		White free flowing powder
Loose Bulk Density	kg/m³	650
Wet Cast Density	kg/m³	1300 - 1400
Dried Density	kg/m³	850 - 950
Set Time	minutes	50 - 90
Expansion on setting	%	0.1
Thermal Conductivity (EN1745)	W/mK	0.21
Load Bearing Capacity (to failure) @100mm thick	kN/m²	Up to 5.0
Compressive Strength	N/mm²	Maximum strength is achieved in about 28 days at 50% relative humidity 120 minutes Integrity and Insulation F and T rating 2 hours 120 minutes Integrity and Insulation
Fire resistance certification	BS: 476 Part-20 UL 1479	In accordance with BS 476 Part 4
Non-Combustibility	IS 12458: 2019	
Acoustic	BS EN ISO 717-1:1997	47dB @ 100mm

STORAGE

→ PROMASEAL® Compound should be stored in a dry well-ventilated area between 5 °C and 35 °C.
→ Shelf life of PROMASEAL® Compound is up to 12 months from the date of manufacture.

Safety instructions

Contains Gypsum plaster and Perlite Granules. Take normal precautions to avoid inhalation or ingestions and ensure adequate ventilation when mixing. Do not take internally. May cause eye, skin and respiratory tract irritation. Wear appropriate PPE (gloves, dust mask, safety mask, etc.)

Eye or mouth contact: Wash immediately with plenty of clean water. Skin: Wash with soap and water. Do not use solvents to remove from skin. Inhalation: Remove to fresh air. Ingestion: Do not induce vomiting

For any overexposure, or if skin irritation develops, get immediate medical attention after first aid has been given.
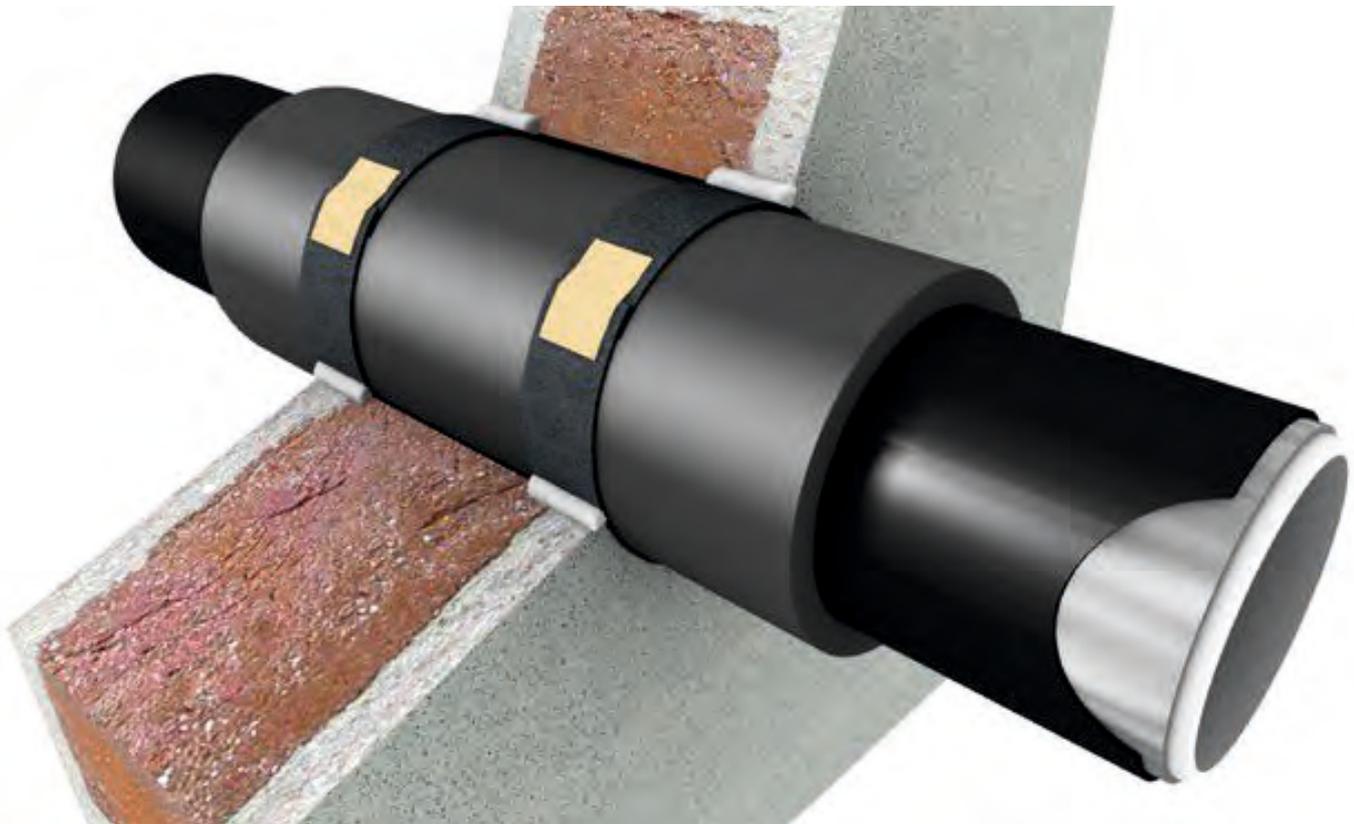
MIXING AND INSTALLATION INSTRUCTIONS

→ Mix with clean water in a clean mixing vessel.
→ Slowly add the powder to the water while mixing to ensure a smooth lump free mixture.
→ Do not use a mix ratio of less than 2:1.
→ Do not attempt to remix by adding more water after the mortar has started to set as this will interfere with the setting process.
→ The mixed mortar will remain usable for 45-60 minutes depending on the batch size, water content and temperature.
→ Ensure all surfaces of the seal are free from dust and loose material.
→ Pour the mixture after thoroughly inspecting the installation of high density rockwool as per the test configuration.
→ Pour the mixed mortar to the required thickness in one operation.
→ Any spillage should be wiped up with a damp cloth before setting occurs.

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FIRESTOPPING WRAP

Product Data Sheet

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FIRESTOPPING WRAP

Product Data Sheet

General description
PROMASTOP®-W is an expanding fire stopping tape. Flexibility is given by the possibility to make any wrap diameter on site. Furthermore, it is the most space-efficient solution for plastic pipe penetrations.

Fields of application
PROMASTOP®-W is tested for walls and floors for soft and mortarsystem penetrations and for all common plastic piping materials, such as PVC, PE, PP; sound reduction drain pipes with multi layer technology and insultated alminium composite as well as metal pipes.

System advantages / customer benefit
- Flexible
- Quick and easy installation
- Resistant to atmospheric influences (light, heat, frost, UV radiation, humidity)
  - Universally usable

Test certificate / approval
- EN 1366-3
- EN 13501-1/2
- ETAG 026-2

Packaging
- Coil length: 18 m/box
- 100 boxes/pallet Subject to change.

Storage requirements
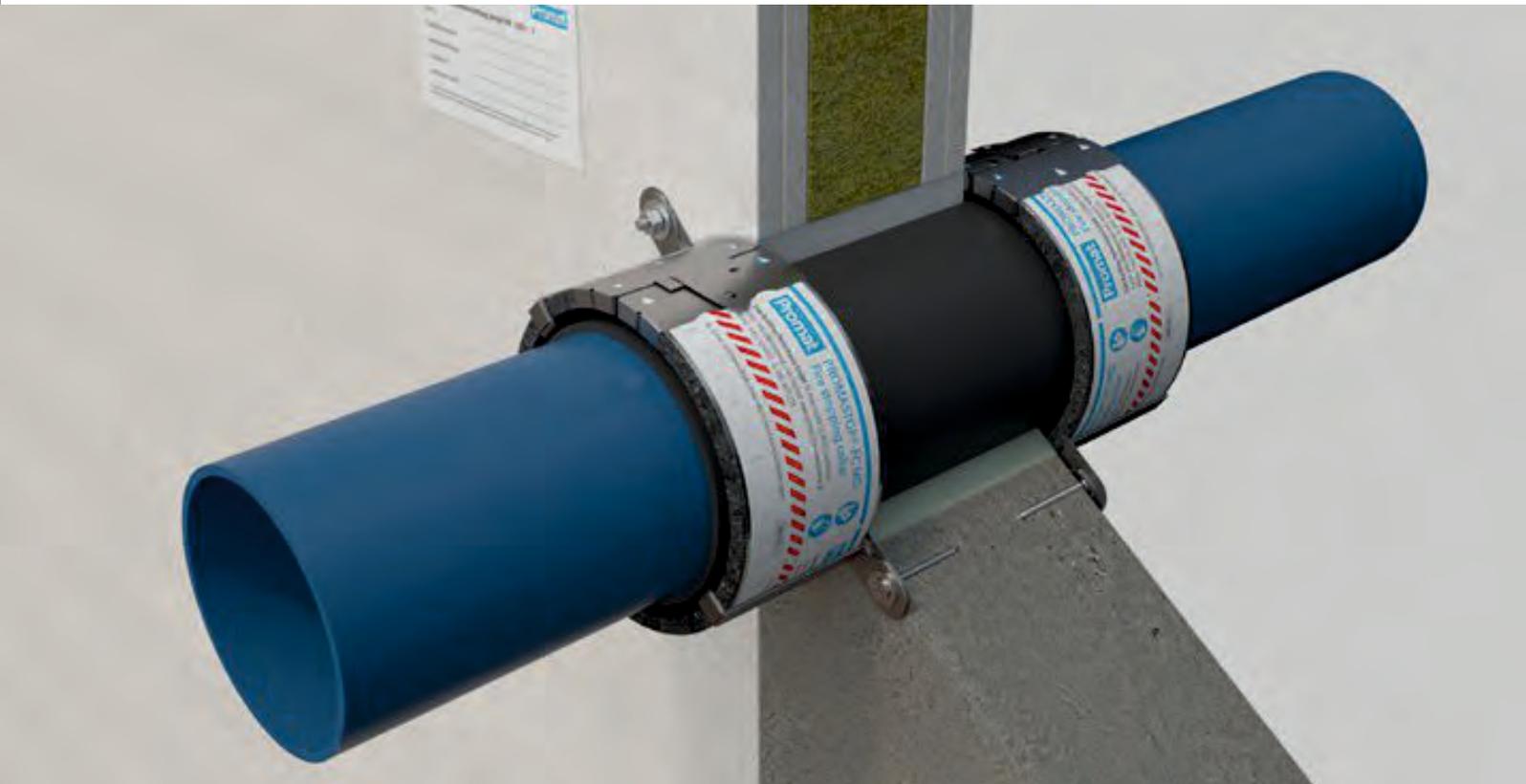- Store in cool and dry conditions

Safety instructions
- Please refer to the safety data sheet for additional advice

Technical data and properties	
Colour	anthracite grey
Consistency	flexible wrap
Exapansion temperature	approx. 150 °C
Thickness	approx. 2,5 mm
Width	approx. 50 mm
Use category	Class X
Reaction to fire	Class E
VOC content	< 0,01 g/l

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FIRESTOPPING COLLAR

Product Data Sheet

FIRESTOPPING COLLAR
Product Data Sheet

Technical data and properties

Colour	anthracite grey
Consistency	flexible collar with stainless steel foil
Expansion temperature	approx. 190 °C
Thickness	approx. 5,5 mm
Width	approx. 55 mm
Use category	Type X
Reaction to fire	Class E

Guide of collar sizes

Pipe outer diameter (mm)	Collar length (mm)	Number of collars from one package	Number of brackets required
40	225	14	2
50	255	12	2
64	300	10	3
75	335	9	3
90	380	8	3
110	445	7	3
125	490	6	4

Product description
PROMASTOP®-FC MD is a multi-diameter fire stopping collar for plastic pipes with a special intumescent seal and a stainless steel covering. The collar is tested according to EN 1366-3 for open end pipe configurations (U/U) up to ø 125 mm.

Field of application
PROMASTOP®-FC MD fire stopping collar is tested for plastic pipe penetrations throught light partition and solid walls and floors in surface-mounted condition, ensuring fire resistance from EI 30 to EI 120 (U/U) in all exposure classes (X). It is suitable for common plastic piping materials such as PVC, PP, PE.

System advantage / customer benefit
• Flexible collar
• Quick and easy to install
• Cut-to-size solution
• Tested on standard plastic pipes in PP, PE and PVC
• Suitable for applications in hard-to-reach places thanks to its low thickness
   • Single layer up to ø 125 mm

Test certificate / approval
• EN 1366-3
• EN 13501-1/2
• EAD 350454-00-1104

Packaging
• 3200 mm collar (= 7 collars ø 110 mm)
• 7 closing brackets A*
• 7 closing brackets B*
• 21 fixing brackets C*
Subject to change.
*   Additional fixings/brackets available.

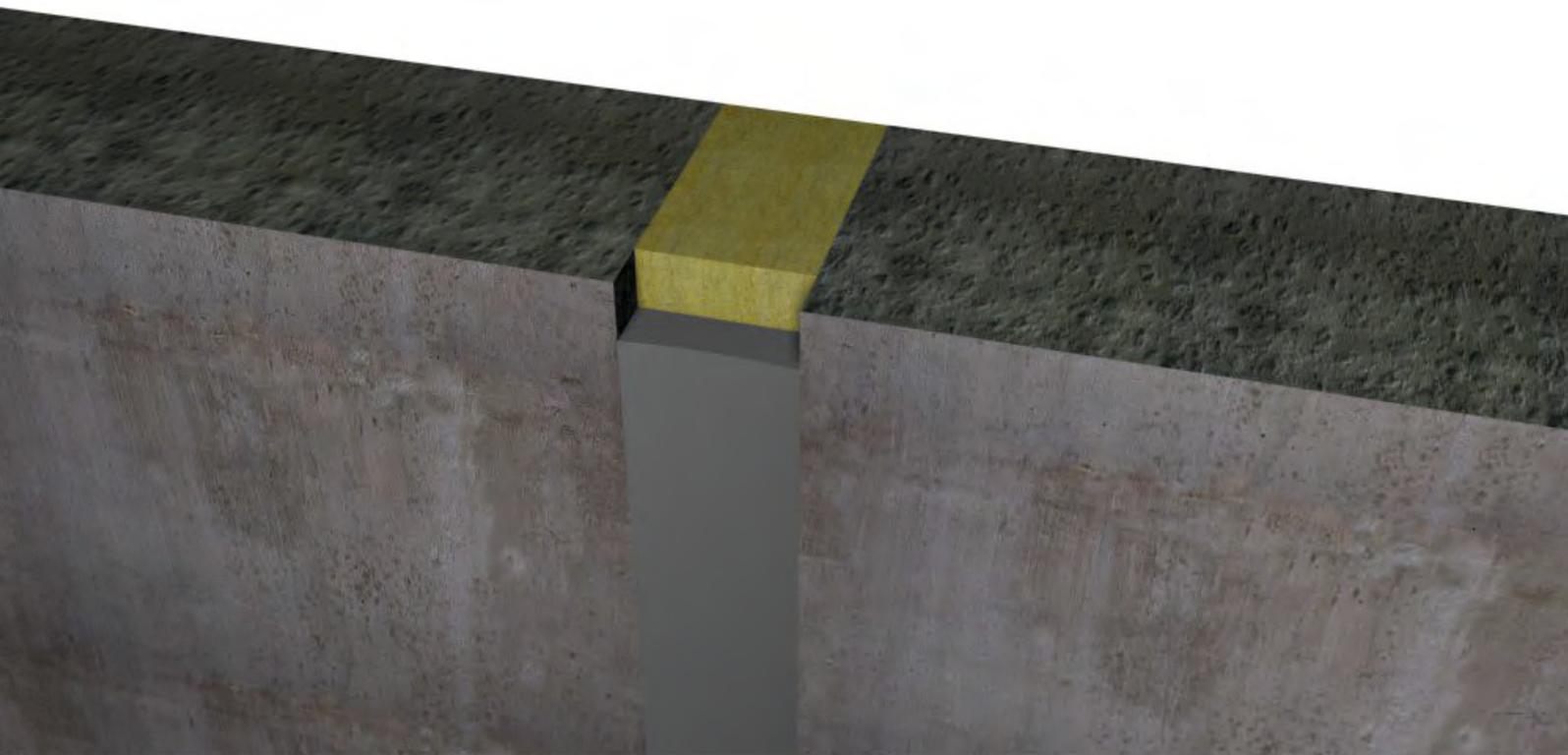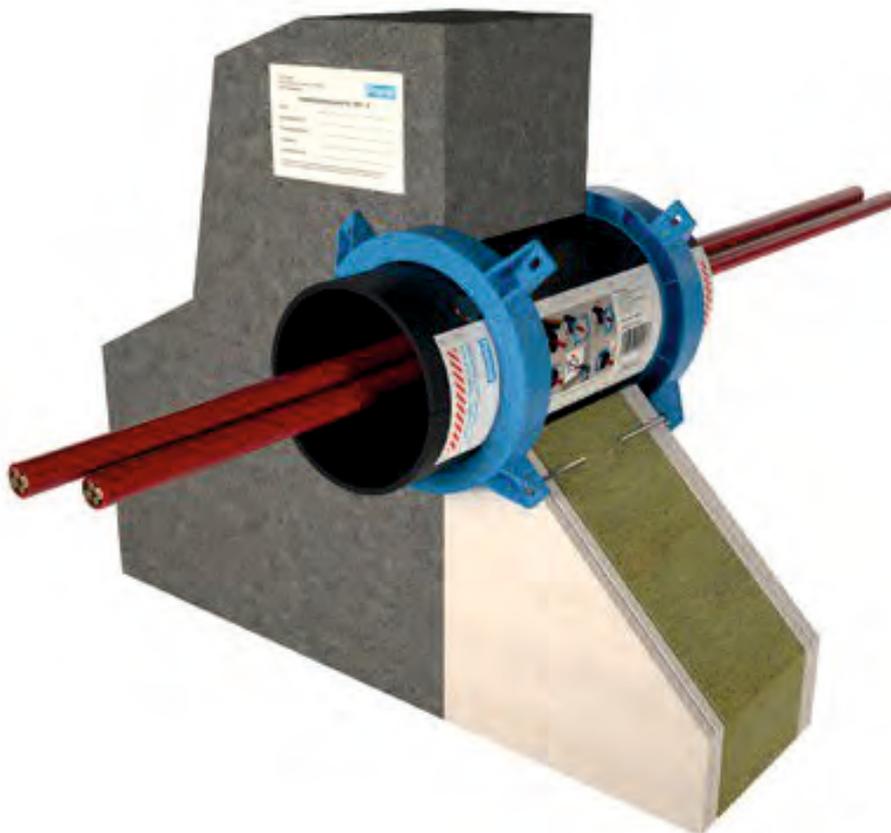### Storage requirements • Store in dry conditions

Safety instructions
• Please refer to the safety data sheet for additional advice

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FIRESTOPPING SILICONE

Product Data Sheet

FIRESTOPPING SILICONE

Product Data Sheet

Technical data and properties	
Colour	grey
Consistency	paste
Density	1.2 ± 0,2 g/cm³
Use category	Class X

General description
PROMASEAL®-S is an elastic one-component fire stopping silicone. Due to its flexibility, PROMASEAL®-S is suitable for external use.

Fields of application
PROMASEAL®-S is a fire stopping silicone for walls and floors. It is designed for joints to seal against spread of smoke and fire.

System advantages / customer benefit
•   Embrittlement-proof, non-ageing and weather proof
•   Non-sensitive to chemicals
•   May expand in contact with solvents, greases, oils and fuels, but will not dissolve

Test certificate / approval
•   EN 1366-4
•   EN 13501-1/2

Packaging
•   310 ml cartridges
•   12 cartridges/box
•   1200 cartridges/pallet Subject to change.

Storage requirements
•   Store in cool and dry conditions: 3°C - 40°C
•   Shelf life of original sealed containers at least 12 months
•   Once opened, containers should be finished swiftly

Safety instructions
• Please refer to the safety data sheet for additional advice

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FIRESTOPPING CIRCULAR BOX

Product Data Sheet

FIRESTOPPING CIRCULAR BOX

Product Data Sheet

General description
PROMASTOP®-IM Cbox 125 is an intumescent sealing system for cable penetrations. It can be used for cable group 1 (cable diameter ≤ 21 mm).

Fields of application
PROMASTOP®-IM Cbox 125 is used for cable penetration in walls and floors.

System advantages / customer benefit
- Easy to install
- Retrofitting of cables is possible

Test certificate / approval
- EN 1366-3
- EN 13501-2

Packaging
- 1 pc./box Subject to change.

Storage requirements • Store in dry conditions

Safety instructions
- Please refer to the safety data sheet for additional advice

Technical data and properties	
Colour	dark grey/blue
Consistency	solid
Dimension (H x W x D)	160 x 160 x 300 mm
Outer diameter	124 mm
Inner diameter	106 mm
Core drill hole diameter	approx. 130 mm
Use category	Class X
Reaction to fire	Class B-s1, d1

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