

PROMASTOP®-IM Grille

Intumescent sealing system

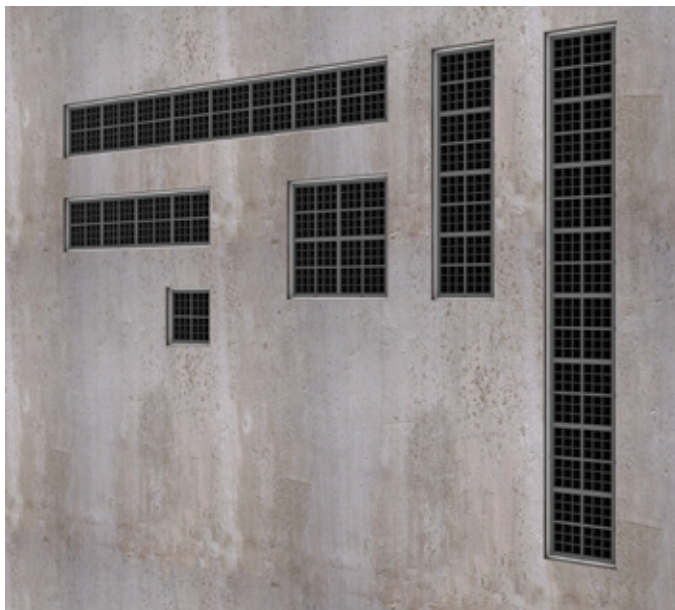
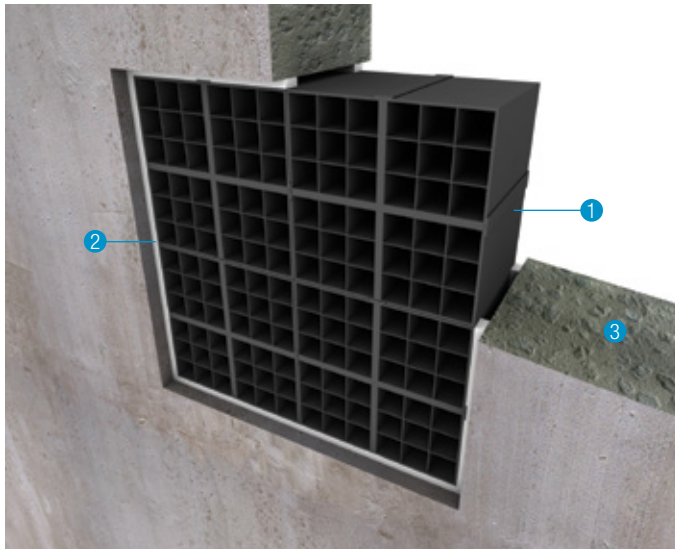
Product handling guideline

Penetration seal



PROMASTOP®-IM Grille

Intumescent sealing system



Technical data and properties

- ① PROMASTOP®-IM Grille 100 mm x 100 mm x 80 mm
Free air cross section approx. 69 %
- ② PROMASEAL®-A
- ③ Supporting construction: rigid wall $d \geq 100$ mm,
density ≥ 450 kg/m³, flexible wall $d \geq 100$ mm

Certificate: IBS CR 315020416

Basic requirements

Determine the required period of fire resistance of the compartment. The air transfer grille must have minimum the same fire resistance period as the surrounding supporting construction if not stated otherwise. Ensure enough space around the PROMASTOP®-IM Grille, otherwise the space has to be created.

Product description

PROMASTOP®-IM Grille is an intumescent closure system for ventilation openings which operates under fire and temperature load at about 190 °C. The formed foam crust closes the ventilation opening and ensures safe protection against the spread of fire and smoke.

Application conditions PROMASTOP®-IM Grille

Temperature for both substrate between +5 °C and +40 °C. Substrate must be free of oil, grease and dust. Relative humidity of more than 65 % will result in extended drying time of PROMASEAL®-A.

Field of application / Distances

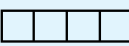
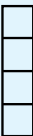
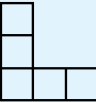
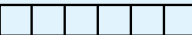
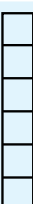
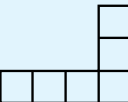
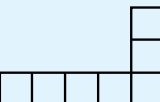
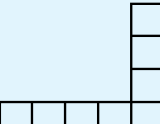
Supporting construction: Flexible and rigid wall constructions, thickness ≥ 100 mm

Minimum distance: 100 mm between the single or combined air transfer grilles, 70 mm from floor or ceiling

Installation steps - wall

- Assemble the PROMASTOP®-IM Grille to the desired construction shape. So as to achieve the four part, quadratic construction form the arrows must point in the same direction from the central location.
- If necessary, create the aperture opening (max. 10 mm wider than the air transfer grille from)
- Cleaning of the aperture opening
- Place the PROMASTOP®-IM Grille in the middle of the aperture opening and fix with wedges
- Use the firestop acrylic sealant PROMASEAL®-A around the PROMASTOP®-IM Grille to fill on both sides the linear joint (joint width $\geq 2 \leq 5$ mm, joint depth ≥ 10 mm)

Fire resistance depending of the PROMASTOP®-IM Grille application

Installation horizontal	Install. vertical	Combined installation horizontal / vertical	Size (No. of pieces)	Rigid wall	Flexible wall	Fire resistance
			Size 100 x 100 mm (1 Pc. PROMASTOP®-IM Grille)	✓	✓	EI 120
			Size 200 x 200 mm (4 Pc. PROMASTOP®-IM Grille)	✓	✓	EI 90
			Size 200 x 100 mm (2 Pc. PROMASTOP®-IM Grille)	✓	✓	
			Size 300 x 100 mm (3 Pc. PROMASTOP®-IM Grille)	✓	✓	
			Size 400 x 100 mm (4 Pc. PROMASTOP®-IM Grille)	✓	✓	
			Size 500 x 100 mm (5 Pc. PROMASTOP®-IM Grille)	✓		
			Size 600 x 100 mm (6 Pc. PROMASTOP®-IM Grille)	✓		
			Size 700 x 100 mm (7 Pc. PROMASTOP®-IM Grille)	✓		
			Size 800 x 100 mm (8 Pc. PROMASTOP®-IM Grille)	✓		

The products must be applied in accordance with regulations for construction material in general and fire stopping in particular, with the applicable national test certificates and approvals and in accordance with applicable national building regulations. Products may only be applied by trained professionals with adequate knowledge and only after thorough review of the installation guidelines, safety data sheets, national test certificates and approvals. For additional information on how and where to use this product please refer to the Promat handbook or contact your local Promat office. All the relevant documents can be obtained free of charge from the local Promat office. For Non European Union countries separate guidelines are relevant. If required please contact us.

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