

Technical Leaflet

KBS® Foamcoat HS

Intumescent sealant for use in the installation of cable and mixed penetration seals.

1. Usage

Field of application	KBS® Foamcoat HS is part of the panel seal systems KBS® Kombischott INT in which various types of penetrants (cables and pipes) are routed through fire rated walls or floors. It is designed for closing joints around cables and for bonding mineral fiber boards to each other and to the building component soffits. Is used in dry interior rooms up to max. 85% RH (at 20°C).
Application method	KBS® Foamcoat HS is applied directly from cartridge or with a spatula.
Application limit	In the dry state, KBS® Foamcoat HS loses its intumescent properties when in contact with water.

2. Application

Concentration	The product is trowelable and does not need to be thinned.
Drying time	Depending on temperature and humidity: an approx. 5 mm thick layer is completely dry after about 14 days (23°C/50% humidity).
Application in KBS® panel seal systems	See additional technical documentation.
Cleaning of equipment	With water.
Disposal	In accordance with national regulations. See also safety data sheet.

3. Scope of testing and approval

Building product class	B2 acc. DIN 4102-1 / E acc. EN 13501-1.
ETA	ETA-15/0657, CE-marked.
Type approval (Germany)	Approved as component of the mixed penetration seal system KBS® Kombischott INT, Z-19.53-2323.
MLAR (Germany only)	Approved to seal cable and pipe penetrations through fire rated walls.
EN 1366-3	Tested and classified as component of the systems KBS® Kombischott INT (mixed penetration seal).
VKF-Approval (Switzerland)	Approved as component of the systems KBS® Kombischott INT (mixed penetration seal).

4. Product specification

Delivery form	KBS® Foamcoat HS is a white dispersion-bonded sealant.
Odor	In the wet state typical for the species. Odorless after drying.
pH-value	Approx. 8.3 (at 20°C)
Density	Approx. 1.23 g/cm³ (at 20°C)

Active ingredients	KBS® Foamcoat HS contains intumescent ingredients, pigments and auxiliaries. KBS® Foamcoat HS is free of halogens and solvents.
Behavior in heat	Under optimum conditions, volume expansion of approx. 40 times with formation of a fine-pored foam.

5. Storage

Storage conditions	Store in closed containers. Carefully reseal opened containers after use.
Storage temperature	5 – 30°C. Protect from frost!
Shelf life	In sealed original containers at recommended storage temperature at least 12 months.

6. General Instructions

Safety precautions	When working with KBS® Foamcoat HS it is generally recommended to wear safety glasses and protective gloves.
Packaging	Cartridges with 310 ml content, pails with 15 kg content.

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