

# KÖSTER

## Joint Sealant FS-H

Technical guideline / Article number **8.032**  
 Issued: January 10, 2010

- Off. Test Certificate, OMTL, Hanover – resistance to diesel oil

### Self-levelling, elastic 2 component polysulphide joint sealant

#### Features

KÖSTER Joint Sealant FS-H is a elastic, castable joint sealant on polysulphide base in accordance with DIN 18540 for sealing joints in horizontal areas. When fully cured, KÖSTER Joint Sealant FS-H is a rubber-elastic sealant with a high mechanical load capacity, good resistance to water, sea water, salt solutions, benzine and mineral oils; it resists roots and does not rot.

Mix both components thoroughly using a slow speed mixer until a homogeneous consistency (at least 3 minutes) is reached. The joint is filled approx. 2 hours after priming with a caulking gun, (smoothing) trowel, spatula or trueing device.

#### Technical data

Colour	light grey, black
Mixing ratio by weight	100 : 8 (A : B)
Pot life	approx. 2 hours (+20 °C, 50 % rel. hum.)
Curing time	approx. 24 hours (+23 °C, 50 % rel. hum.)
Consistency	castable, self-levelling
Specific gravity	approx. 1.65 kg / l
Shore A-hardness	approx. 35
Retraction capacity	> 80 %
Total deformation permitted	approx. 25 %
Application temperature	+5 °C to +40 °C

#### Consumption

joint widths in mm	10	15	20	25	30	35
thickness of joint sealant (in mm)	8	10	12	15	18	20
deviation allowed (in mm)	± 2	± 2	± 2	± 3	± 3	± 4
distance of joints allowed in m	from 2 to 4	from 2 to 6	from 4 to 7	from 5 to 8	from 6 to 9	from 7 to 10
Consumption kg/m	0,13	0,25	0,40	0,62	0,89	1,10

#### Field of application

KÖSTER Joint Sealant FS-H can be used to seal horizontal joints in below grade construction, cracks in basements, foundations of buildings, joints in sewage treatment plants, garages, tunnels, etc. permanently elastic.

#### Cleaning of tools

Immediately after use with KÖSTER KB-Pox® Cleaner

#### Packaging

4 kg combi package (in two packages)

#### Application

The flanks of the joints have to be clean, dry, solid, free of grease and dust. Absorbent substrates must be primed twice with KÖSTER FS-Primer, non-absorbent substrates must be primed once with KÖSTER FS-Primer.

#### Storage

Store the material frost-free and dry; in originally sealed packages, it can be stored for approx. 6 months.

#### Safety precautions

Wear safety gloves and goggles during processing.

#### Technical guidelines cited

KÖSTER FS-Primer	Art. No.	8.039
KÖSTER KB-Pox® Cleaner	Art. No.	9.08

The information contained in this technical data sheet is based on the results of our research and on our practical experience in the field. All given test data are average values which have been obtained under defined conditions. The proper and thereby effective and successful application of our products is not subject to our control. The installer is responsible for the correct application under consideration of the specific conditions of the construction site and for the final results of the construction process. This may require adjustments to the recommendations given here for standard cases. Specifications made by our employees or representatives which exceed the specifications contained in this technical guideline require written confirmation. The valid standards for testing and installation, technical guidelines, and acknowledged rules of technology have to be adhered to at all times. The warranty can and is therefore only applied to the quality of our products within the scope of our terms and conditions, not however, for their effective and successful application. This guideline has been technically revised; all previous versions are invalid.