

# KÖSTER

## Joint Sealant FS-H

Technical guideline / Article number **8.032**  
 Issued: 01<sup>st</sup> of November 2005 Draft

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

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

#### Features

KÖSTER Joint Sealant FS-V 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.

#### Technical data

Colour	anthracite
Mixing ratio by weight	100 : 13 (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

#### Field of application

KÖSTER Joint Sealant FS-V 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.

#### 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.

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.

#### Consumption

joint widths in mm	10	15	20	25	30	35
thickness of joint sealant (in mm)	8	10	12	15	15	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	0,12	0,22	0,36	0,56	0,67	1,00

#### Cleaning of tools

Immediately after use with KÖSTER KB-Pox® Cleaner

#### Packaging

4 kg combi package (in two packages)

#### Storage

In a frost-free and dry place, the material can be stored for approx. 6 months.

#### Safety precautions

Wear safety gloves and goggles during processing.

#### Technical guidelines cited

KÖSTER FS-Primer	Art. Nr.	8.039
KÖSTER KB-Pox® Cleaner	Art. Nr.	9.08

The accurate and thereby effective and successful application of our products is not subject to our control. The guarantee can therefore only be applied to the quality of our products within the scope of our terms and conditions, not, however, for their effective and successful application. These guidelines replace all previous ones.