

Construction adhesive Sealant Premium DKM

Properties	Value (colour)	Value (clear)	Unit	Method / Remarks
	System			
Chemical Base	1K-MS Polymer ®			
Solvent	none			
Consistency	Non-sag			
Density	1,53	1,06	g/ml	
colour	various	Crystal clear		
Temperature resistance	-40 bis +90		°C	after curing
Shelf life	18		months	
	Handling			
Application temperature range	+5 bis +40		°C	
Open time	10		min	23 °C, 55 % rel. F.
Application rate	150	140	g/min	3 mm, 4 bar
Flow	< 2		mm	ISO 7390
	Performance of cured material			
Hardness	52	45	Shore A	DIN 53505
100% Modulus	1,35	1,15	MPa	DIN 53504
Elongation at break	400	250	%	DIN 53504
Joint movement capability	± 25	-	%	
Tensile strength	2,2	2,4	MPa	
Curing time	2 bis 3		mm/24h	23 °C, 55 % rel. F.
Emission class	M1	-		

CE Marking

colored version

EN15651-1: F-EXT-INT-CC 25HM

EN15651-3: S XS3

EN15651-4: PW- EXT-INT-CC 25HM

clear version

EN15651-1: F-INT

Application

- connecting joints on windows and doors
- Stress-compensating bonding
- Sealing joints and seams of HVAC systems (only coloured versions)
- for kitchens and sanitary facilities
- Sealing of facades, balustrades and metal building constructions
- body and vehicle construction and ship building

Properties / Features

fischer Construction Adhesive Sealant Premium DKM is odourless, neutral and free of isocyanates. After application the DKM cures with atmospheric moisture to form a durable rubber seal. In general DKM may be used also without primer to seal assemblies of glass, concrete, masonry, wood, tiles, metals (copper, zinc,..) and certain plastics.

fischer Construction Adhesive Sealant Premium DKM is not recommended for application on PE, PP, PC, PMMA, natural stone, Teflon and bituminous surfaces, underwater application and for expansion joints.

DKM is paintable – after curing. Resistant to weathering, ageing and UV-rays.

DKM clear is not suitable for movement and glazing joints as well as mirror bonding.

DKM clear could show discolouring during long time UV loading. This can have an effect on UV stability. In the dark and in contact with chemicals, yellowing may occur.

Surface cleaning

For porous surfaces like concrete we recommend to use a primer. The surfaces must be clean, dry and sound. Adhesion tests prior to the application are recommended. Apply as an adhesive in a 'ventilating' way in vertical stripes with 30 cm distance in between.

For further safe handling information on this product, consult the Safety Data Sheet (SDS).

The information in this adhesives brochure and our application-technology consulting, verbally and in writing, is given to the best of our knowledge, but is non-binding and is not a guarantee in the sense of § 443 BGB. We recommend that, before using our products, you check the suitability for the intended application. As the individual product can be used for a wide range of applications and the conditions on site that cannot be estimated, we also recommend testing the bonding before using the product.