

## TECHNICAL DATASHEET

### **kLine MS Power Seal**

is a high quality, strong one component adhesive/sealant base on MS polymer. The product is odourless, neutral and free of isocyanates. After application kLine MS Power Seal cures with atmospheric moisture to form a durable rubber seal.

### **Applications**

Gluing of panels, skirting boards, windowsills, stripes, thresholds, mirrors and isolating materials.

Sealing in Safety glazing systems inside.

Connecting joints in buildings.

For kitchens and bathrooms.

In coach-work and metal connecting joints.

Sealing and gluing in shipbuilding industry.

Universal filler for cracks and uneven Surfaces.

In general kLine MS Power Seal may be used, also without primer, to seal assemblies of glass, glazed surfaces, porcelain coated metal, epoxy and polyester panels, polystyrene, polystyrene foam, uPVC, stainless steel, anodised aluminium and finished wood. For porous surfaces like concrete we recommend to use a primer.

Among others not recommended for application on PE, PP, Teflon and bituminous surfaces, underwater application and for expansion joints. Not paintable with alkyd resin paint. Yellowing can occur in the dark.

### **Surface preparation and finishing**

Surfaces must be clean, dry and sound. If necessary use a primer.

Adhesion tests prior to the application are recommended. Finish with Finisher. Apply as an adhesive in a 'ventilating' way in vertical stripes with 30cm distance in between. The use of two sided adhesive tape, 3mm thick is recommended to support the adhesion during the first 24 hours and to make sure that the thickness of the adhesive is right.

## Technical Data

### General

Color:	white, grey, black
Packing:	Cartridge of 290 ml, Packs of 400 ml
Application temperature:	+5°/+40°
Application rate (3 mm/6,3 bar):	150g/min
Flow (ISO 7390) :	<2 mm
Skin over time (23°C/55% RF):	10 min
Density:	1,54 g/ml
Curing after 24 hours (23°C/55% RF):	2 mm
Resistance:	yes
Frost resistant till -15°C during Transport:	yes
Shelf life between +5°C und 25°C:	12 months
Joint movement capability:	+25%
Paintable after curing	yes
Temperature resistance after curing	-40°C/+90°C
Shore-A hardness (3 s, DIN 53505):	60
Modulus 100% (DIN 53504):	1,7 MPa (N/mm <sup>2</sup> )
Tensile strength (DIN 53504):	2,2 MPa (N/mm <sup>2</sup> )
Elongation at break (DIN 53504):	250%

### Joints

Metres of joint per cartridge 290ml for various joint sizes. (Width x Depth) :	4x6mm	12m
	6x6mm	8m
	8x6mm	6m
	12x8mm	3m
	16x10mm	1,8m
	20x12mm	1,2m

Install back up material for the right joint depth and in order to prevent three side adhesion.

Minimum width:	4mm
Maximum width:	25mm