



# Seal & Bond MS22 X

## HIGH-TECH SEALANT

- ✓ Temperature upon application from -10°C to +40°C.
- ✓ Strong and elastic.
- ✓ Can be painted on and is mildew-resistant.
- ✓ Ecological and safe.



## Technical Info

- Basis: hybrid MS polymer.
- Curing: polymerisation by air humidity.
- Odour: neutral.
- Shore-A hardness (DIN 53505): 22.
- E-module 100% elongation (DIN 53504 S2): +/- 0.66 N/mm<sup>2</sup>.
- Tensile strength (DIN 53504 S2): +/- 1.4 N/mm<sup>2</sup>.
- Elongation at break (DIN 53504 S2): +/- 600%.
- Movement capacity: 20%.
- Application temperature: -10°C to +40°C.
- Skin formation at 23°C/50% relative humidity: 5-6 minutes.
- Shrinkage (DIN EN ISO 10563): ≤ 3 %.
- Paintable: yes (varnishes and alkyd resin-based products take slightly longer to cure).
- Relative density: 1.5.
- Temperature resistance after curing: -40°C to +90°C.
- Frost resistance: down to -20°C during transport.
- Shelf life: 18 months, store in a cool, dry place in the original packaging.

## Packing

Seal & Bond MS22 X anthracite - cartridge 310ml	533312000
Seal & Bond MS22 X white - cartridge 310ml	533311000
Seal & Bond MS22 X black - cartridge 310ml	533310000
Seal & Bond MS22 X light grey - cartridge 310ml	533313000

## Product [MS22 X]

### Characteristics

MS22 X was developed for use in all conditions: from 10°C to 40°C and where excellent adhesion and high flexibility are required. MS22 X resists weathering, UV rays and chemical corrosion very well. This makes it ideal for use in all environments, from construction to industry.

### Applications

- Horizontal as well as vertical expansion joints inside and out
- Glass seal in all climatic conditions
- Sanitary kit with category XS1 mildew resistance
- Connection joints between materials with very different expansion behaviour
- Flexible bonding (movement capacity 20%).

## Use

- Bring the cartridge up to room temperature before use.
- Apply to a clean substrate, free of snow and ice, and clean with Safety Clean and/or Multifoam if necessary. FS version, if required.

Test adhesion on plastics, powder coatings, exotic woods and bituminous materials. Seal & Bond Special Primer can improve adhesion on difficult synthetic materials.

Soft and/or porous substrates should first be strengthened using Fixapox.

Alkyd resinous varnishes will cure more slowly.

Use Safety Clean for a perfect finish and for removing any uncured Novatio polymers.

Use Novakleen for finishing on porous materials.

Curing (mm)					
MS22 X	1 day	2 days	7 days	14 days	21 days
+23°C / 50% RV	3	4	7	9	12
+6°C / 50% RV	1,5	2,5	5	7,5	9
0°C / 50% RV	0,5	1,5	4	6	7
-10°C / 0-50% RV	skin formation	1	2	3	4
At higher temperatures the curing accelerates, even after a long time at low temperature.					