



TECHNICAL DATA SHEET

SEAM SEALER MS POLYMER

Gerko seam sealer MS polymer is a high quality, professional and universal sealant and adhesive based on MSP/Hybride technology. After application the sealant cures with atmospheric moisture to form a durable rubber seal.

PROPERTIES

- Durable, permanent elastic
- Universal bonding-, sealing- and assembling sealant, inside and outside for building- and industry constructions
- Paintable with water based paints, alkyd resin paint can cause curing inhibition of the paint. Test in advance
- No fouling on natural stone
- Fast curing. Wet in wet applicable
- Free of isocyanates, phtalat, solvents and silicone. Shrinkage nil
- Resistant to UV radiation, weather, water, moist and mould
- Very good adhesion on several substrates even damp surfaces
- Neutral curing, almost odourless
- Non corrosive to metals
- High mechanical resistant, strength and E-modulus
- Absorb acoustical and mechanical vibrations
- Non bubbling, sandable and grindable after complete curing through

PHYSICAL PROPERTIES

| CODE | DESCRIPTION | COLOUR | PIECES PER BOX | PIECES PER PALLET |
|------|-------------------------------|--------|----------------|-------------------|
| SS10 | Seam sealer MS polymer 290 ml | White | 12 | 900 |
| SS20 | Seam sealer MS polymer 290 ml | Grey | 12 | 900 |
| SS30 | Seam sealer MS polymer 290 ml | Black | 12 | 900 |



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| | | | |
|--|-------|------------|----------|
| Base | | | MSP |
| Slump | mm | ISO 7390 | <2 |
| Density | gr/ml | | 1,48 |
| Skin formation/open time | min | 23°C/55%RV | 10 |
| Curing through (24 hours) | mm | 23°C/55%RV | 2-3 |
| Shrinkage | | | nihil |
| Max. movement capacity | % | | 25 |
| Temperature resistance after curing | °C | | -40/+100 |
| Mechanical properties | | 2 mm film | |
| Shore-A hardness | | DIN 53505 | 60 |
| Modulus 100% | MPa | DIN 53505 | 1,60 |
| Tensile strength | MPa | DIN 53505 | 2,70 |
| Elongation at break | % | DIN 53505 | 300 |

PAINTABILITY

Seam sealer is perfectly paintable with water based paints. We recommend an adhesion and compatibility first. When seam sealer will be painted over (not necessary) we recommend to sand the sealant and junction surfaces by means of Scotch-Brite. For an optimal result we recommend to paint within a few days after application.

Not suitable for continuous under water applications. Among others not recommended for PE, PP, Teflon, wax, neo- prene and bitumen surfaces, always carry out an adhesion test on the substrate before application.

APPLICATION CONDITIONS

Application temperature +5°C till +40°C. Surfaces must be dry, clean and solid. In general seam sealer adheres perfectly without the use of a primer to various substrates, like glass, glazed surfaces, enamel, anodised aluminium, painted wood and several plastics. Adhesion tests prior to the application are recommended.

SHELF LIFE AND STORAGE

The product has a shelf life of 12 months in the originally sealed cartridge, when stored in an unopened container at a dry place between 5 - 25°C.