

SOUDASEAL CLEANROOM

DESCRIPTION

Soudaseal Cleanroom is a high quality single component joint sealant with high adhesive strength. It is based on MS-Polymer®, chemically neutral and fully elastic. For use as sealant/adhesive in construction and cleanroom applications where a tough flexible rubber is required.

CHARACTERISTICS

- Outstanding bond strength on nearly all surfaces
- High performance mechanical properties
- Flexible elastic rubber – movement accomodation up to $\pm 20\%$
- Straightforward application even in adverse conditions
- No bubble formation withing sealant (in high temperature and humidity applications)
- Very easy to too and finish
- Good extrudability even at low temperatures
- Colour stable and UV-resistant
- Ecological advantages – free of isocyanates, solvents, halogens and acids
- Minimal health and safety considerations
- Can be painted with all water based paints
- No staining of porous materials such as natural stone, granite, marble, etc.

APPLICATIONS

Sealing and bonding in cleanroom applications
Sealing and bonding in the building industry
Sanitary applications
Structural bonding in vibrating constructions
Sealing of floor joints

DIRECTIONS FOR USE

Method: Manual or pneumatic caulcing gun
Appication temperature: $+5^{\circ}\text{C}$ until $+35^{\circ}\text{C}$
Cleaning: White Spirit of Surface Cleaner immediately after application and before curing
Tooling: soapy solution before skin formation
Repair with: Soudaseal Cleanroom

REMARKS

- Soudaseal Cleanroom may be overpainted with waterbased paints, however due to the large number of paints and varnishes available we strongly suggest a compatibility test before appication.
- Soudaseal Cleanroom can be applied to a wide variety of substrates. Due to the fact that specific substrates such as plastics, polycarbonate, etc. may differ from manufacturer, we recommend preliminary compatibility test.



Certificado ESPMDD001230

Technical Characteristics:

Base	MS-Polymer®
Consistency	Paste
Curing System	Moisture Cure
Skin Formation (*) (20°C/65% R.H.)	Ca. 10 min.
Curing Rate (*) (20°C/65% R.H.)	2 -3 mm/24h
Hardness (DIN 53505)	40 ±5 Shore A
Specific Gravity (DIN 53479)	1,67 g/ml
Elastic Recovery (ISO 7389)	> 75 %
Maximum Deformation	± 20%
Temperature Resistance (fully cured)	-40°C to +90°C
Elasticity Modulus 100 % (DIN 53504)	0.75 N/mm ²
Tear Strength (DIN 53504)	1.80 N/mm ²
Elongation at break (DIN 53504)	750 %

(*) These values may vary depending on environmental factor such as temperature, moisture and type of substrates

PACKAGING:

Colour: white

Packaging: cartridge 290 ml

SHELFIFE:

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

RESISTANCE AGAINST CHEMICAL AGENTS:

Good resistance to water, mineral oils, grease, diluted inorganic acids and alkalis

Poor resistance to aromatic solvents, concentrated acids, chlorinated hydrocarbons