



Kiilto Masa



IMO approved, one-component MS polymer

- Specifically designed for marine applications
- Elastic sealant
- Excellent adhesion
- Solvent-free, isocyanate-free



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Kiilto Masa is one-component elastic sealant. Kiilto Masa can be used as elastic bonding, joining and sealing, in all industrial applications.

Kiilto Masa can be regarded as a material with low flame spread for bulkhead, wall and ceiling lining according to IMO FTPC Part 5 (IMO Resolution MSC.61 (67) Part 5), and has resistance to seawater, making it the best choice for marine and offshore applications.

Technical data

Type	MS Polymer
State	Paste
Color	Off-white, grey or black
Curing	Cures by humidity
Skin-over time	Ca.15 min (23°C, RH 50%)
Shrinkage	- 2%
Density	1.55 kg/dm ³
Application temperature	+1°C to +40°C
Temperature resistance	-40°C to +90°C
Tensile strength (DIN 53504)	> 2.2 N/mm ²
Elongation at break (DIN 53504)	> 350%
Lap shear strength (aluminium)	2.2 N/mm ²
Shore A hardness	40±5
Max allowed distortion	± 10%
Curing rate	Approx. 3mm after 1 day Approx. 10mm after 7 days (23°C, RH 50%)
Storage	In a dry and cool place (+10°C to +25°C) In unopened package for 12 months

Application & Storage

Yield	5 x 5 mm joint appr. 12m/ cartridge
Working conditions	Vulcanisation strongly depends on working conditions such as room temperature, air humidity, material surface and dryness, and sealant mass.
Packaging	290 ml plastic cartridge
Storage	In dry and cool (+10°C to +25°C) place and in unopened package: 12 months

Fresh stains can be removed with xylene or acetone. If cured, only mechanically.