

For damages and non moving joints

Linofog[®] Fix is a polyurethane based, 2-component material to be mixed with fine grain aggregate. Linofog[®] Fix is developed to enable quick repairs with short open time and quick drying time of approx 2-3 hours. Linofog[®] Fix is applied in thicknesses between 0-40 mm. Preferable, Linofog[®] Fix should be used as repair material for smaller damages and unlevel nesses. Please find Linofog[®] Fix chemical resistance and tests according to the below figures.

Acid:	10 % sulphuric acid 50 % phosphoric acid 50 % chromic acid	Animal:	fat protein blood
Alkali:	1 % caustic soda 1 % ammonia	Vegetable:	fat protein sugar
Salt:	NaCl Na ₂ CO ₃ 10 % NaHCO ₃	Oil:	crude oil light oil lamp oil machine oil (mineral)



The following tests have been run at the National Testing Institute in Japan (JIS)

Surface material	Tensile strength N/mm ²	Elasticity module N/mm ²	Max flexibility %
Linofog [®] Fix	5,3	29,8	18
Epoxi	58,3	2,9	2,2

JIS sample size: 13 x 13 x 150 mm, span 100 mm, test speed 3 mm/min.

Adhesiveness (N/mra²):

Surface material	Primer	Steel	Stainless steel	Aluminium	Concrete
Linofog [®] Fix	no	3,8	4,3	2,9	1,7
	yes	6,6	7,0	4,1	2,4
Epoxi	no	3,1	4,2	1,6	1,9
	yes	5,0	6,8	6,2	2,7

JIS K 6850 extension and scratch test.

Abrasion test:

Surface material	Revolutions	Wear result (abrasion)
Linofog [®] Fix	400	low wear
	1000	0,1 mm
	1500	0,2 mm
Epoxi	400	2 mm heat deformation from the beginning

Laying instructions:

1. Make sure that the surface is free from dust and moisture.
2. Apply Linoprimer evenly over the surface.
3. Let the Linoprimer dry for approx 3 hours (based on temperatures + 14-18°C)
4. Mix 2,5 kg aggregate with 1,75 kg Linofog[®] Fix Base. Add the 0,75 kg hardener, mix to a smooth mixture (empty the hardener can thoroughly).
5. Apply the mixture with a hand trowel.
6. Let it harden for approx 2 hours (based on temperatures between + 14 -18°C)
7. When more aesthetic demands are required, grind the joint with a fine grain sandpaper, first after 3-4 hours after application (based on temperatures between +14-18°C)

Consumption:

1 kg ready mixed material is enough for approx 1m² and 1,8mm thickness.

Packaging:

Linofog[®] Fix base 1,75 kg, Linofog[®] Fix hardener 0,75 kg, Linofog[®] Fix aggregate 2,5 kg = 1 set/5 kg/3 lit = 1 m² and 9 mm thickness.

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