



LINOFOG

JOINT FILLER AND CRACK REPAIR SYSTEM

Linofog provides the industry with a secure and durable joint filler. Its characteristics are an excellent pressure strength and elasticity.

Linofog is polyurethane-based and best applied with a cartridge gun. Linofog works all the way down to -50°C; however, it must not come in contact with water, moisture or cold temperatures during application. Linofog is also resistant to chemicals which are detailed in the following list.

A high-quality and professional floor treatment is not always sufficient to obtain the best possible result. In order to avoid cracks in concrete floors it has now become common practice to saw notches in 6 x 6 m or 8 x 8 m squares, depending on pillars etc. After 3-6 months at the earliest, the joints are vacuum-cleaned, primed, filled and then sanded with a sanding machine.

Linofog is also suitable for repairing cracks and small repairs.



Acid: 10 % sulphuric acid
50 % phosphoric acid
50 % chromic acid

Alkali: 1 % caustic soda
1 % ammonia

Salt: NaCl
Na₂CO₃
10 % NaHCO₃

Animal: fat
protein
blood

Vegetable: fat
protein
sugar

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	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	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	400	ow wear
	1000	0,1 mm
	1500	0,2 mm
Epoxi	400	2 mm heat deformation from the beginning

LAYING INSTRUCTION

Before filling the joints;

- 1) Make sure that the joints/cracks are free from dust and moisture.
- 2) If a foam strip is used, place this into the joint/cracks. The strip must be 2 mm thicker than the joint/crack width. While using rubber strip see below.
- 3) Apply the Linoprimer with a small brush that fits into the joint/crack. 1 litre should cover approx 200 meter, based on width 4mm and depth of 20 mm.
- 4) Let the Linoprimer dry for approx 3 hours (at +14-18 C°).



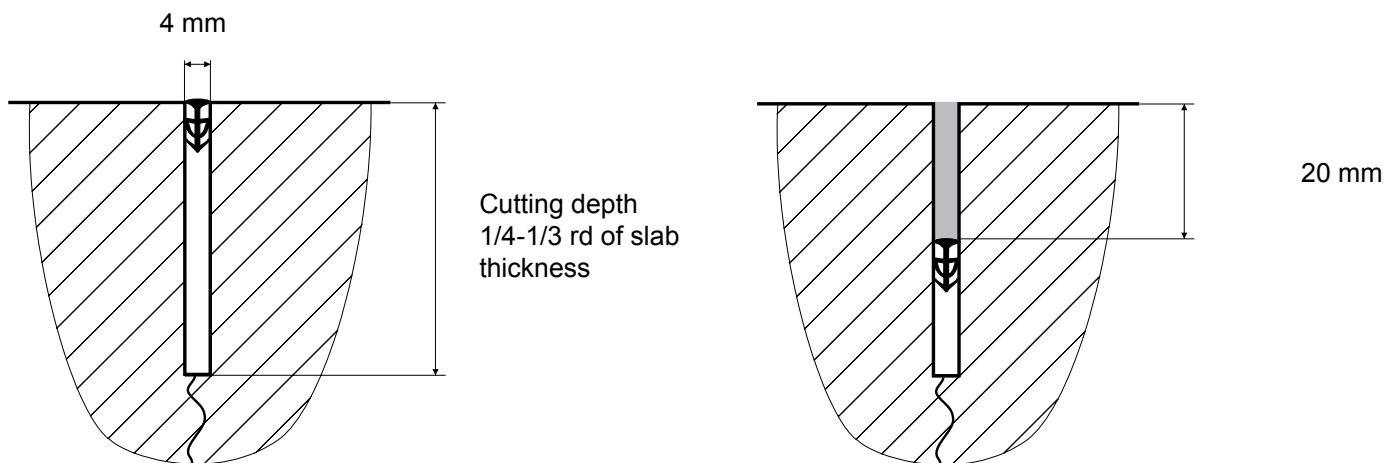
Filling the joints/cracks;

- 1) Mix the Base (0,7 kg) with the hardener (0,3 kg) using a drilling machine. Make sure that you empty everything in the can with hardener!
- 2) Mix the base plus hardener for minimum 3 minutes.
- 3) Put the spout on the empty cartridge, fill the mixed Linofog material I into the empty cartridge and put the lid on.
- 4) Place the filled cartridge into the cartridge pistol and cut the top of the spout to a suitable size (similar to the joint width).
- 5) Fill the joints or cracks. 1 kg (0,7+0,3 kg) should cover approx 15-17 meters, based on the width of 4 mm and depth of 20 mm.
- 6) Let it dry for at least 15-24 hours (at +14-18 C°).
- 7) Grind the surface with fine sandpaper to a smooth level.

Protection during application;

Dangerous! Ensure good ventilation. Protect face, eyes and hands. Keep away from children.

While using rubber strip



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