

SLATEX Tx Grey G2

Flexible polyurethane resin self-leveling coating, multi-purpose floors

2 component polyurethane elastomer with fast hardening profile.
Low viscosity, self levelling, self degassing system.
Excellent chemical resistance to hydrocarbons and aqueous solutions.
Its elasticity provides an excellent resistance to impact and abrasion.

Typical range of use

- Flooring:
 - * Offices, corridors, meeting rooms.
 - * Company restaurants, plant rooms, filing rooms...
 - * Public and semi-public areas (multi-purpose rooms, exhibition halls ...)
- Soft moulding
- Quick master manufacturing
- Tooling for casting : plaster, resins, synthetic stone
- Thin mass casting (plots, bumpers, anti vibrating parts)
- Form covering: concrete coffering, master finishing before moulding, advertising volumes...
- Interior floor coating
- Exterior: needs an aliphatic coat for best UV resistance. Contact us

Components properties

		SLATEX Tx Grey G2 Part A	SLATEX Tx Grey G2 Part B
Chemical nature		Filled polyol	Isocyanate
Color		Grey	Yellow
Solid content		100 %	100 %
Density	@ 20°C	1.27 ± 0.05	1.20 ± 0.05
Dry extract		100 %	100 %
Viscosity ± 20 % mPa.s	@ 20 °C	1200	1800
	@ 30 °C	680	750
Storage 5 – 35 °C avoid extreme weather conditions, keep in original container		6 months May settle after storage Mix before use	6 months reacts with ambient humidity

SLATEX Tx Grey G2 Mix

		Part A / Part B
Weight ratio		100 g / 31.5 g (or 76 g + 24 g)
Volume ratio		100 ml / 33.3 ml (or 3 / 1)
Viscosity ± 20 % mPa.s	@ 20 °C	1100
	@ 30 °C	650
Pot life	@ 10 °C	40'
	@ 20 °C	30'
	@ 30 °C	20'

SLATEX Tx Grey G2 - Elastomer properties

		SLATEX HD Black Part A / SLATEX HD Black Part B
Shore A hardness 7 days @ 20 °C		70 ± 5
Density		1,25 ± 0,1
Resistance to continuous temperature		-20 to + 60 °C
AFNOR classification		Family I Class 6A
COV		Class A+ (ISO 16000)

Substrate and preparation

The condition of the substrate, its nature and preparation are essential factors to the success of the coating.

- The substrate must be strong, clean, dry and even.
- The substrate must be prepared by mechanical stripping (shot-blasting, sanding, planing, etc.), then carefully dusted with an industrial vacuum cleaner

If the surface is very irregular, it must be corrected by applying an epoxy filler or Slatex filled with fine graded silica

Primer for porous substrate Waterbond SR 1900
 Steel substrates : Apply anticorrosive system (consult us).

Conditions of application

- Areas must be enclosed and free from water.
- Working areas must be isolated during preparation of the substrate, application of the resin and while drying, must be protected until the coating has been approved.
- Minimum temperature (ambient and substrate): 5 °C and 3 °C above the dew point.
- Relative air humidity: 80% RH max

Amount of mixture needed

3 mm thick 4.0 to 4.2 kg / m²

Minimum applicable amount 2.7 kg / m² (2 mm)
 A lower amount of product will cause surface defects

Process & Curing time

Ambiant temperature	+ 10 °C	+ 20 °C	+ 30 °C
Minimum recovery period	24 hrs	16 hrs	10 hrs
Maximum recovery period*	30 hrs	24 hrs	16 hrs
Delay before use			
• pedestrians	24 hrs	16 hrs	10 hrs
• vehicles	72 hrs	48 hrs	24 hrs
Totally hardened / chemical resistance	7 days	5 days	4 days

**maximum recoating time beyond which roughening will be essential*

Processing

- Mixing :

After thorough mixing of the part A alone, pour part B onto part A then mix thoroughly with a slow mixer during 1 to 2 minutes to avoid any air bubbles entrapment.

- Weather conditions:

Do not apply during rain nor wet situations.

Both product and substrates temperatures should be 3°C above the dew point

- Moulding :

Moulding must be done with a clean and dry mould

The tooling should be treated with a release agent : Cirex Si 111, Cirex Si 68 or Cirex Si 041 WB

- Tool cleaning before hardening:

Cleaning dry solvents : White spirit, MEK (ketones), Acetates,

Do not use: Alcohols, aqueous detergents, water

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LEGAL NOTES :

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