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Stobielast® S140

Product description:

Solvent free, self-levelling, two component polyure thane coating with good long term elasticity. Stobielast® S 140 is designed as coating for tennis courts & multipur pose surfaces.

Typical properties:

	Polyol	Isocyanate	Mixture
Density [g/cm ^{3}] - 20°C DIN 53217	1,28	1.23	1.27
Viscosity [mPa·s] DIN 53018/1+2 [20°C]	2 400	250	1600
Mixing ratio by weight polyol / isocyanate.	100	20	-

Curing properties:

	Polyol	Isocyanate	Pot life
Pot life [20°C] DIN 16945/1.	166.7gr	33.3gr	30' – 70'

The pot life can be shortened by increasing the pr oducts temperature.
The surface is walkable 10 to 14 hours after the ap plication (at 20°C). Full curing is achieved after 4 -7 days. Curing will be longer at lower temperatures. This one must not fall below 10°C during curing.

Physical properties:

	Norm	Value	Unit
Shore Hardness	DIN 53505	80	A
Tensile strength	DIN 53455	2.8	N/mm ^{2}
Elongation at break	DIN 53455	90	%

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Colours:

Number	Colour	RAL-type
.22	Oxide red	approx. R AL 3009

Processing :

The surface must be dry and free from dust, oil and grease. The surface must also be non porous. The ground and ambient temperat ure should not fall below +10°C and should be between 10 and 35°C.
According the concerned surface it will be necessar y to apply a PU or epoxide-based primer.
Mix the polyol component well before using. The pol yol and polyisocyanate are then mixed together for at least two minutes at the correct ratio in a suitable mixer.

It is recommended that the mixture is transferred t o an empty container for final blending (two extra minutes). T his procedure will avoid the risk of undermixed or sticky spots appear ing on the surface. The material is then ready for application.
Use only the result of the second mixing.
If required, the surface can be sprinkled with EPDM . or SBR; rubber granules before it cures. Excess granules are removed after curing is completed.

Material consumption :

3.0 – 3.5 kg/m^2. Exact quantity depends on surface type and required systems. Never apply a thickness below 1.4 mm.

Precaution:

Material safety data sheet should be read very care fully before use.

Packaging:

Working kits of 30 kg [25kg A comp./ 5kg B comp.]

Storage life / Stability:

Both components must be protected against humidity. Do not store at temperature below + 10°C and above 30°C. 15 – 25°C is the most favourable storage temperature. Original closed packaging stor ed between 10 – 25°C; protected against frost and humidity: storage stabi lity 6 months. After a long storage period, the resin component should be stirr ed well before using.

This product complies with Directive 2004/42/EC on the limitation of emissions of VOCs due to the use of organic solvents in certain paints and varni shes:

-Regulations consider the global system which is th e Component A and the Component B mixed on place in the right ratio.

-Limit values for the mixed product (Cat A/j) :500 g/l.

-Stobielast® S140 contains max 5 g/l .

Notice:

This publishing replaces all further bulletins. The recommendations contained in the present sheet are made without guarantee to the best of our knowledge true and acc urate.
The indications given in our technical data sheets are general recommendations of use and application and cannot take into account the specific data to each post, machine or site.
The buyer of our products is responsible for their application or transformation. A notice of legal re quirements has to be taken

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