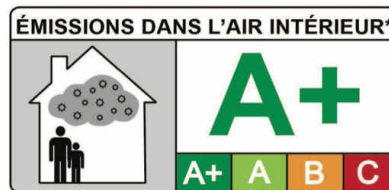




Stobielast® S147

Product description:



Solvent free, self levelling, two component polyurethane *coating* with good long term elasticity. **Stobielast® S147** is designed for coating rubber granule mats for the production of indoor synthetic sports playing fields.

Typical properties:

| | Polyol | Isocyanate | Mixture |
|--|---------|------------|----------|
| Density [g/cm³] - 20°C DIN 53217 | 1,34 | 1.21 | 1.31 |
| Viscosity [mPa·s] DIN 53018/1+2 [20°C] | ar.4800 | ar. 140 | ar.1 300 |
| Mixing ratio by weight polyol / isocyanate. | 100 | 28.2 | - |

Curing properties :

| | Polyol | Isocyanate | Pot life |
|---|---------|------------|-------------|
| Pot life [20°C] DIN 16945/1. | 156. gr | 44.gr | 50 ' – 65 ' |

The pot life can be shortened by increasing the products temperature.
 The surface is walkable around 16 hours after the application (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.



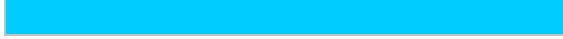





Physical properties:

| | Norm | Value | Unit |
|----------------------------|-----------|----------|-------------------|
| Shore Hardness | DIN 53505 | 80 ± 3 | A |
| Tensile strength | DIN 53455 | 8.0 | N/mm ² |
| Elongation at break | DIN 53455 | 150 ± 10 | % |
| Tear resistance | DIN 53356 | 25 | N/mm |

Colours:

In order to have the best covering of the finish on the **Stobielast® S147** elastomer , the following available base colours are :

Approaching shade issue from a graphical screen chart.

| Code | Reference | Colour | Approaching shades |
|-----------------|-----------|-----------|--|
| S147NE * | S147.00 | Neutral |  |
| S147BE | S147.36 | Beige |  |
| S147BL | S147.13 | Blue |  |
| S147BR | S147.62 | Brown |  |
| S147GR | S147.89 | Grey |  |
| S147NG | S147.51 | Orange |  |
| S147RO | S147.22 | Red oxide |  |
| S147VE | S147.10 | Green |  |

(*) : Neutral shade to use for light colours topping applications.

Processing :

Mix the polyol component well before using. The polyol 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 to an empty container for final blending (two extra minutes). This procedure will avoid the risk of undermixed or sticky spots appearing on the surface. The material is then ready for application.

Use only the result of the second mixing.

The surface must be dry and free from dust, oil and grease. The surface must also be non porous. The ground and ambient temperature should not fall below +10°C and should be between 10 and 35°C.

In order to obtain optimum adhesion the coating must be applied within 24 - 36h on the previous sealing layer whilst the surface is still sticky. If a longer delay occurs, then the surface must be rubbed down before continuing.

Material consumption :

2.0 – 2.6 kg/m². Exact quantity depends on surface type and required systems. Never apply a thickness below 1.4 mm. Please refer to the product information sheets for more details.

Precaution :

Material safety data sheet should be read very carefully before use.

Packaging :

Working kits of 25 kg [19.5kg A comp./ 5.5kg 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 stored between 10 – 30°C; protected against frost and humidity: storage stability 6 months. After a long storage period, the resin component should be stirred 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 varnishes:

- Regulations consider the global system which is the 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® S147** 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 accurate.
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.
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