

## ::: LT40SB

### **Description:**

Is a 2-component, pre-accelerated topcoat based on neopenthyglycol-terephthalic acid that after curing has good chemical, water and UV resistant properties, at application temperatures of water up to 30°C. Resistant to chlorinated water and hydrogen peroxide (with normal swimming pool use). Available in 1, 5, 20 and 225 kg packs (colourless) and in 5, 10 and 20 kg packs pre-coloured. Due to the unique composition with terephthalic acid, this final coat has an extremely high resistance to osmosis and symptoms of black spots in old polyester layers.

### **Application:**

Adhesive-free final coat (topcoat) for a polyester laminate as protective layer and finish. Can be coloured with a maximum addition of approx. 5-10% UP pigment. Spraying is possible with the addition of approx. 5% styrene. Has its application in amongst others swimming pools, containers and tanks as well as elements for the construction industry. Topcoat LT 40 SB is always processed in combination with precoat T 40 BT for a good chemical and water resistance with a maximum water temperature of 30°C. Recent tests have shown that the use of salt solutions at elevated temperatures can cause black spots in the final coat. The use of this topcoat LT40SB is therefore not recommended.

**Tip:** some colour pigments discolour faster than others! For example: dark grey will fade.

### **Data on delivery:**

Color:	Colourless/pink or coloured (white, pastel blue, beige , grey 7035, grey 7004)
Viscosity:	800 mPas
Mass density:	approx. 1,1 gr/cm <sup>3</sup>
Shelf life:	6 months in closed packing
Consistency:	liquid/thixotrope

### **Technical data:**

Consumption:	250 – 300 gr/m <sup>2</sup> per layer
Shore:	D 50

### **Processing:**

Mix LT40SB with 2-3% Mekp hardener and possibly 1% extra cobalt accelerator when mixing with colour pigments, as these can slow down the process. Never mix cobalt directly with Mekp hardener, but separately in the resin. Brush or roll a fairly thick layer on the surface to obtain complete hardening. Avoid too much sun or too high temperatures, otherwise the topcoat will remain sticky. Potlife: approx. 15-20 min. at 20°C. Always apply small quantities in proportion to the potlife. Processing temperature: 18-25°C.

**Tip 1:** must cure for 7 days at 20°C, then fill with water.

**Tip 2:** all polyesters can be slowed down with inhibitor.

**Tip 3:** use a different colour between the T40BT( precoat) and LT40SB (topcoat). This gives a better visual control.

**Tip 4:** when T40BT (precoat) comes into contact with water, it turns white).

**Tip 5:** prepare 300 gr LT40SB with hardener and apply it to 1 m<sup>2</sup> (mark out chalk lines), so you can check the correct amount/consumption.

### **Safety:**

Always provide appropriate protective clothing and gloves. Avoid prolonged skin contact. Cleaning agent for tools: cleaner M (environmentally friendly substitute for acetone).

This product contains styrene and must therefore be handled in accordance with the safety regulations.

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The information on this page concerns technical instructions and has been compiled to the best of our knowledge. However, it shall not constitute grounds for any liability on our part.