

ICOM RESIN 854 POLYSTYREN

CHARACTERISTICS

The **ICOM Resin Resin 854 Polystyren** is formulated from unsaturated polyester resin, which can be laminated on polystyrene.

- Pre-accelerated and thixotropic resin.
- Specially recommended for contact moulding to give a barrier between a polystyrene block and **NCL 804 PRBV GREY** for the production of models or plugs.
- Use a polystyrene which has density higher than 25 kg/m³.

PROPERTIES OF LIQUID RESIN

Brookfield Viscosity (ISO 2555 - 20 °C - sp3)	50 rpm: 1100 - 1300 cP
Specific gravity (ICON 012)	1.12 - 1.18 g/cm ³
Gel time (ICON 002) (20 °C - 2 % MEKP on 100 g)	25 - 35 minutes
Non volatile content (ICON 003)	58 - 62 %

VERSIONS

ICOM Resin Resin 854 Polystyren is available in long gel time version (**LGT**) with gel time of 65-75 minutes (20 °C - 1.5 % MEKP on 100 g).

APPLICATION ADVICE

- It is important to mix the resin every time before use to ensure a homogeneous product.
- Mix in the peroxide well, never use less than 1% or more than 3 %.
- Apply 0,8 to 1 mm of resin on the polystyrene (min density 25 kg/m³) with a brush or roller.
- Laminate 1 or 2 layers of 300 g/m² mat with the resin, consolidate the layer(s) and give the mat an overhang of 10 – 15 cm on the sides.
- Or laminate with a 240 g/m² Verranne mat, consolidate and again, leave a 10 - 15 cm overhang.
- Leave to polymerise at room temperature for 24 hours, before applying the NCL on to the laminate.

STORAGE CONDITIONS AND PACKAGING

Storage life: the resin **ICOM Resin Resin 854 Polystyren** is stable for 3 months from date of production when stored in original closed packaging away from direct sunlight at a temperature between 15 °C and 25 °C.

It is the responsibility of the customer to assure that the production is used in good conditions overall before the date limitation mentioned on the keg.

This resin is subject to the Highly Flammable Liquids Legislations.

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- Or laminate with a 240 g/m² Verranne mat, consolidate and again, leave a 10 - 15 cm overhang.
- Leave to polymerise at room temperature for 24 hours, before applying the NCL on to the laminate.
- PACKAGING: Available in cans of 25 kg.

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All information is given, based upon our best knowledge, but without liability to us. Data has been obtained by laboratory experiments made by our supplier. Since the condition under which the product is consumed is outside of our control, the product should be tested before use.

