

# Technical Data Sheet NR 12566

## EXTRA COVERING POLISHABLE POLYURETHANE GLOSS

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PRODUCT: LP571 EXTRA COVERING POLISHABLE POLYURETHANE GLOSS

**DESCRIPTION:** bicomponent polyurethane high gloss, which gives the painted support a full and glossy aspect. It has limited yellowing with time and can be mechanically polished. This top coat has an excellent resistance to the formation of pinholes, even in severe application conditions. It has very good distension of gloss in the application phase. Also suitable as a converter base for strong coloured pigmented gloss.

**USE:** in carpentry as a gloss finishing product

### SPECIFICATIONS OF SUPPLIED PRODUCT

Physical state: transparent, amber coloured liquid  
Solid content %: 55±2

Gloss: 95-100 gloss gloss

**SUBSTRATE:** items prepared with polyester, polyurethane, of UV polymerisable base coats

**APPLICATION:** by spray dilute at minimum 30-50% with D1010 or D1015. By curtain coater at 10-20%, keeping viscosity constant at 18-22" by periodically adding more thinner which evaporates during working. The film of paint can be polished mechanically after 3-4 days . LP571 can also be produced as a pigmented product in the colours from the colour chart.

**OVERCOATING:** with itself, without sanding, after 1-4 hours

**HARDENER:** in weight or in volume with C152AP or C153AP at 80%; with C152AP100 at 100%. These catalysts give the gloss the following characteristics:

C152AP: resistance to yellowing, high gloss, body and good surface hardness.

C153AP: compared to C152AP, better resistance to yellowing but less surface hardness.

C152AP100: compared to the other two, very quick cross linking and high surface hardness, but slightly less gloss. This catalyst is the best for mechanical sanding after short times (36-48 hours)

### DRYING:

Dust free: 40 minutes with C152AP at 20°C  
Touch dry: 2 hours at 20°C with C152AP  
Completely dry: 36-48 hours

**DILUTION:** with D1010 or D1015 depending on application temperature. To improve distension and avoid problems of "borders" (accumulation of the product along the edges) we advise the use of slow thinner D1079, alone or mixed with the thinners mentioned above.

**QUANTITY TO APPLY:** 120,150 g/m<sup>2</sup>

**INTERVAL BETWEEN COATS:** from one to four hours

**POT LIFE** at 20°C: it doubles in viscosity after approximately 6 hours; this measure was taken on product catalysed with C152AP and diluted with D1010 at 20%. The use of alternative catalysts, respectively C153AP or C152AP100, can lengthen or shorten the pot life by sixty minute

**STORAGE INFORMATION:** the product should be stored away from direct sunlight and humidity, avoiding very hot or very cold environments

**SHELF LIFE** AT 20°C: if correctly stored it has a shelf life of 12 months

### SPECIFICATIONS OF SUPPLIED PRODUCT

| CHARACTERISTICS           | UNITS | VALUE       | METHOD |
|---------------------------|-------|-------------|--------|
| Specific gravity at 20°C: | g/ml  | 1.03 ± 0.05 | MP01   |
| Visc. F.C. 4 at 20°C:     | sec   | 50 ± 7      | MP04   |
| Fineness:                 | µm    | 10 max.     | MP12   |

The quality control value of the viscosity refers to the product immediately after checking. Any variations of the data specified in the technical data sheet could be due to circumstances such as length and conditions of storage.

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### **EXTRA COVERING POLISHABLE POLYURETHANE GLOSS**

Always verify the suitability of the product for the job to be done before application. We can not accept responsibility for the outcome.

The information contained in this technical data sheet, as well as any verbal information, is given to the best of our knowledge. We do not accept responsibility for obsolete or incorrect information. The information is to be considered obsolete when a new technical data sheet is issued. Please feel free to contact us to request the latest edition.