

# Technical Data Sheet NR 7809

## BICOMPONENT SEALER FOR CURTAIN COATER APPLICATION

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PRODUCT: IS203 BICOMPONENT SEALER FOR CURTAIN COATER APPLICATION

**DESCRIPTION:** bicomponent transparent solvent based paint which isolates greasy substances and extracts from the wood as well as high humidity contents. For general use as a first coat in all painting cycles, it is indispensable to allow anchorage and complete polymerisation of paraffinated polyester paints applied onto wood which contains the above mentioned substances (eg. Rosewood, ebony, mansonia, teak, etc.). IS203 is also used as a sealer for stains which would impede polymerisation of the polyester paint.

**USE:** for general use, on woods containing extracts and greasy substances, high density woods.

### SPECIFICATIONS OF SUPPLIED PRODUCT

Physical state: transparent liquid  
Solid content %: 16 ± 2

**APPLICATION:** by curtain coater or spray using normal systems (pneumatic, airmix, airless) regulating the nozzles to compensate for the low viscosity of the product. When applying by curtain coater maintain a constant viscosity by adding D1010 thinner into the drip cup (use D1015 in temperatures above 25-28°C).

**OVERCOATING:** wait minimum 12 hours, maximum 24 hours with C201; wait min. 3 hours, max. 8 hours with C204

**HARDENER:** 100% in weight or volume with C201 or C204. C201 (slow thinner) allows coating with polyester paints after minimum 12 hours and maximum 24 hours from application of the sealer, whilst with C204 (rapid catalyst) coating times are reduced to minimum 3-4 hours, maximum 8 hours. A light sanding of the sealer with grain 220-280 paper before coating is not essential, but may help to cut the fibre lifted and to obtain superior results. After the time lapses advised above sanding becomes obligatory to obtain good adhesion of the polyester or polyurethane paint applied successively.

### DRYING:

Dust free: 20-30 minutes at 20°C  
Touch dry: 40-60 minutes at 20°C

**DILUTION:** the product is ready to use. When applying by spray in temperatures above 25-28 °C and in particularly ventilated areas it is advisable to add 5-10% of polyurethane thinner D1015.

**QUANTITY TO APPLY:** 70-100 g/m<sup>2</sup>

**NUMBER OF COATS:** 1 or 2 depending on the type of wood. Some woods, such as rosewood and ebony always require 2 coats of sealer before coating with polyester products. In polyurethane cycles it is usually sufficient to apply a single coat of IS203.

**INTERVAL BETWEEN COATS:** 1-3 hours

**POT LIFE AT 20°C:** 2-3 hours with C204; 3-4 hours with C201.

**SHELF LIFE AT 20°C:** 12 months in correctly stored unopened tin

### NB:

- 1) IS203/C201-C204 has extremely high chemical resistance and after 2-3 days drying it is no longer coatable with neither polyurethane nor polyester paints, even if sanded. In this case it is necessary to sand the sealer using 180-220 grain paper and apply another coat of sealer before coating respecting the times advised.
- 2) close the containers of C201 and C204 very well immediately after use.
3. if stored in too cold conditions a jelly-like sediment can form, which can be dispersed through mechanical mixing. To avoid this problem, store the product at temperatures above 10-15°C.

### SPECIFICATIONS OF SUPPLIED PRODUCT

CHARACTERISTICS	UNITS	VALUE	METHOD
Specific gravity at 20°C:	g/ml	0.93 ± 0.05	MP01
Visc. F.C. 2 at 20°C:	sec	34 ± 5	MP04

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

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be considered obsolete when a new technical data sheet is issued. Please feel free to contact us to request the latest edition.