



Lackfabrik Irmgard Sallinger GmbH

Technical data sheet

01/2007

## IRSA DD-VARNISH Weatherproof

**2 Component application-system for wood, impregnated canvas and metal**

### Basic:

2 components polyurethane varnish, DD-based available in 9 different colours, (e.g. colourless, white, black, ivory, light-grey, chrome yellow, orange, signal-red and blue,) mixed with IRSA HARDENER special

### Use and Characteristic:

IRSA DD-VARNISH weatherproof is appropriate for all wood species, impregnated canvas and metal parts in interior or exterior designs. Especially for metal parts exterior on sailing boats, motor-, full size- and micro-light gliders, doors and windows. IRSA DD VARNISH is high glossy, weatherproof, fast and UV-resistant, with high elasticity, resistance to motor fuels and cleaning agents and suitable for polishing.

### Application:

Surfaces to be treated must be completely clean, e.g. dust-, oil-, wax- and grease-free, also remove any residues. Regard adhesive properties (mat sanding). Only dry wood for varnishing. Pre-treat metal-surfaces generally with a corrosion-priming protection for 2C polyurethane-varnish.

Apply IRSA DD-VARNISH Weatherproof as primer of final coat in spray-on, roll-on or brush-on process. IRSA DD-VARNISH Weatherproof is mixed with IRSA HARDENER special 2 : 1. Allow the substances to react for approx. 20 minutes.

On exotic timber, regard to rinse off the oil content of wood with IRSA Special Thinner F thoroughly and a highly diluted priming.

### Mixture-ratio/pot life:

**2 parts** of IRSA DD-VARNISH Weatherproof : **1 part** of IRSA HARDENER special.  
Work up the mixture within 5 hours.

### Sealing configuration/ Consumption:

#### Priming:

#### highly absorbing surfaces:

Apply 1x IRSA DD-VARNISH Weatherproof/ HARDENER mixture diluted with 30% IRSA Special Thinner F in spray-on, roll-on or brush-on process.

#### normal absorbing surfaces:

Apply 1x IRSA DD-VARNISH Weatherproof/ HARDENER mixture undiluted in spray-on, roll-on or brush-on process.  
Approx. 70 - 150g/m<sup>2</sup>, depending on way of application and subsurface.  
Tools: IRSA Mohair-Varnish Roller, IRSA brush, spray gun

#### **2.Final coat:**

Apply 2-3x IRSA DD-VARNISH Weatherproof/ HARDENER mixture in spray-on, roll-on or brush-on process.  
Approx. 70 - 150g/m<sup>2</sup>, depending on way of application and subsurface.  
Tools: IRSA Mohair-Varnish Roller, IRSA brush, spray gun

**Total Consumption: approx. 210 – 450g/m<sup>2</sup>**

### Intermediate sanding:

Avoid longer standby times between the single work steps and drying times. Otherwise a thoroughly intermediate sanding is necessary for the adhesion of the following coats.

### Drying time:

To work over each following application after approx. 5-8 hours (previous coat may still be light-sticky). Dust free after approx. 3-4 hours after each application. Final hardness after approx. 8-10 days.  
Drying times refer to normal temperature-conditions of +20°C and relative air-humidity of 55%. Higher conditions of air-humidity or lower temperatures slow down the drying process. Care for good air-circulation. No draught!



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Page2/technical data sheet "IRSA DD-VARNISH Weatherproof-01/2007

**Thinner/Cleaning Agent:**

IRSA Special thinner F

**Storage:**

Shelf life of IRSA DD-VARNISH Weatherproof and IRSA HARDENER special in unopened original container at least 6 months

Keep opened container tightly closed (up-side-down) and work up soon. Keep both components cool and dry.

**Tools:**

IRSA Mohair-Roller, IRSA Brush, spray gun. Only use appropriate tools for best results. Pre-clean tools immediately after use with soaking papers and following with IRSA Special Thinner F thoroughly.

**Sanding Agents:**

Please ask for the sanding papers available in different types.

**Temperature of Processing:**

Room-climate/ subsurface and IRSA DD VARNISH waterproof + Hardener not under +15°C during application.

**Precautions:**

Please, follow the instructions in exposure to flammable liquids

**Please, follow the R- and S-Phrases, classifications of dangerous liquids on caution marks and the EU-safety data sheets.**

**VOC-Identification for 2007:**

**VOC-ID IRSA DD-VARNISH: 2004/42/2 A(i) 550;500 g/l<540g/l**

**VOC-ID IRSA DD-VARNISH diluted with 30% IRSA Special Thinner F: 2004/42/2 A(h)750;750 g/l<630g/l**

2004/42	year and number of EU-guideline
/2	addition 2
A	part A
( )	product sub-category
---;---g/l	limit value 1.step/ limit value 2.step in g/l
< ---g/l	current VOC-valueT

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