

Technical Data Sheet

IMW4400

27/09/2016

Version 3

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BRAND: Sirca.

S.p.A. has a quality system certified by DNV according to standard UNI EN ISO 9001.

Name and Code

IMW4400 WB for broadleaves Impregnating agent .

Chemical Nature

Waterborne acrylic paint.

Description and performances

Waterborne impregnating agent for hardwoods.

Doors, windows, shielding screens, overhead doors and window frames in general.

Colour shade is indicated in product description

Additional description of the product

Chemical - Technical Properties

Description	Method	Unit of measure	Value - Range
Specific gravity	I.O. 309	g/cm3	1,010±0,010
Viscosity DIN 2 @20°C	I.O. 302	mPa.s	48±2
Solid content	I.O. 371	%	11±2

The solid content may vary according to the color shade of the specific product

The specific gravity value may vary according to the colour shade of the specific product

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Field of application

IMW4400: ready to use

Dosage: 60-90 g/mq

Drying conditions: at 20°C

Touch free: 150 minutes

Stackable: 6 hours

Sandable: 8 hours

Overcoatable: 12-16 hours

Use: Doors, windows, shielding screens, overhead doors and window frames in general

Application devices: Immersion, flow-coating, brush, spray

Procedure for cleaning: wash your tools with water or with our CRW10 cleaner.

General properties

Waterborne impregnating agent for hardwoods, with good flow properties and color uniformity, specifically formulated for applications on difficult substrates that are usually rich in tannin and extractives. Before using any impregnating agent we recommend you to smooth the surface through sanding (150-180 grit). Our impregnating agents are available either transparent or in different colors. The pigments used in the formulation play the role of UV filters, so the transparent version should be used only to brighten up the coloured versions. Painting system in which transparent impregnating agent is used offers no warranty in terms of durability

During flow-coating applications sometime is necessary to add some defoamer: use CRW24 (refer to the technical datasheet for further informations). IMW4000/IMW4800/IMW4900 and IMW4400/IMW4500 series should not be mixed together

Product complies with requirement of following documents: RINA Rules "Green Building Plus Product" and LEED 2009 for New construction, according UNI EN ISO 11890-2:210 and according SCAQMD Rule 1113 / method 304 SCAQMD

Do not use the product with temperature below 15°C and when relative humidity is high, since they'd have bad influence on the drying times and the stackability properties.

Storage instructions

Keep containers tightly closed, cool and in a ventilated area; protect from the frost.

EXPIRATION DATE 12 months

The data refers to the product stored in original sealed packaging.

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The information supplied are correct to the best of our knowledge. However, as the coating process depends on many variables and the present application takes place without our supervision, we cannot assume any responsibility for the final result. Sirca guarantees that chemical and physical characteristics of the products are within the reported range. Due to the large variety of substrates and application devices, the purchaser/user should test our products in his own application conditions and safety and environment circumstances. Sirca's technical and sales departments are at customer's disposal for any further information regarding correct application of our products