



VPA220FRG10

Detailed Description

Technical Description



CLEAR WB 2K FLAME RETARDANT

CLEAR WB 2K FLAME RETARDANT FOR PARQUET 10GL

Clear water based 2k top coat. The product is part of the fire-retardant coating cycle for parquet, called VPAFR, which is classified as class Bfl s1 d0 in accordance with European standard EN 13501

Main Data

Primary Sector	<ul style="list-style-type: none"> ✓ Wooden flooring ✓ Industrial Parquet 						
Main Features	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Good</td> <td style="width: 50%;">Chemical resistance</td> </tr> <tr> <td>Good</td> <td>Abrasion resistance</td> </tr> <tr> <td>Good</td> <td>Surface hardness</td> </tr> </table>	Good	Chemical resistance	Good	Abrasion resistance	Good	Surface hardness
Good	Chemical resistance						
Good	Abrasion resistance						
Good	Surface hardness						
Line of product							

Regulations

Emissions	A Low Emission
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Chemical and Physical Properties

Solid Content %	28.0 ± 2
Gloss	10 gloss ± 2.0



Instructions for use

Instructions for use	<p>The product can be applied in one or more coats depending on the application. The total amount of product applied must be 120 g/m² as stated in the classification report of the VPAFR cycle.</p> <p>Below is the description of the relevant fire retardant cycle for VPAFR parquet:</p> <ul style="list-style-type: none"> - Sand the surface of the wood to be treated and carefully vacuum the sanding dust. - Catalyze the fire retardant primer FA20FR at 10% with CA550FR and eventually dilute it at 5-10% with water, preferably demineralized. - Apply the first coat of FA20FR using special rollers for water-based coatings, such as our microfiber roller 04G25A502, and spread the product evenly without any flaking or build-up. - After around 3-4 hours, carefully sand down the surface with 240/320-grit abrasives, carefully vacuuming out the dust, and then apply the second coat of FA20FR in the same way as the first. - The total amount of primer to be applied is 240 g/m², if it is diluted with water it is necessary to recalculate the exact amount to be applied for each coat.
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- Let it dry for about 4 hours.
- Repeat the sanding phase and apply the fire retardant finish VPA220FRG10.
- The surface will be walkable after at least 24-48 hours at 25°C, 60% R.H., in an airy environment.

Application

Hardener	Hardener	% in weight	% in volume	Pot life (h)	How to add
	CA550FR	10.0	10.0	4	Mix mechanically or manually
Hardener Notes	The product should be catalyzed at 10% by weight with the appropriate hardener for fire-retardant coatings for parquet, CA550FR. CA550FR can also be dispersed in the first component by hand, stirring the mixture carefully and vigorously				
Product preparation notes	The product, properly catalyzed, is ready to use. For manual roller application, to obtain better spreading, it can be diluted with 5-10% of water, possibly demineralized. To slow down the drying process, in case of relatively high environmental temperature, a solution of water and D1072 can be used, in a 1/1 ratio. Do not exceed the total added percentage of D1072 equal to 5%. For spray applications the product, suitably catalyzed, can be used as it is				
Application	Application		Application Notes		
 	Manual roller Spray-paint				
Quantity per coat (g/sqm)	Quantity per coat (g/sqm)		Max quantity (g/sqm)		
	120		120.0		
Interval between coats (23°C 50% RH) (h)	3 - 12				

Drying

Touch dry (23°C 50% RH) (h)	1.5
	
Completely dry	5 - 7 days
Drying and cross-linking information	The figures indicated serve as a guide and are for reference. The drying time depends on the substrate, coat thickness, temperature, relative atmospheric humidity and ventilation.


Specification of supplied product

Analysis	Value	Un. Measure	Method
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Flow Cup Viscosity	DIN Cup 4	25.0	± 5.0	Seconds	DIN 4 Viscosity - MP04
pH		7.5	± 0.5		pH (u.pH) - MP13
Specific Gravity		1.01	± 0.05	g/ml	Density (g/ml) - MP01
Fineness		20.0		Micron μ	Fineness(μm) - MP12

N.B.

Shelf life (days)	365.0
Storage Information 	For intact and correctly stored product Store at temperatures above 5°C and below 35°C
N.B.	<p>Paint cans that have already been used and/or have been closed incorrectly may show the formation of film, consisting of dried product. This does not compromise the quality, but it is necessary to filter the paint before use.</p> <p>To clean the tools, use drinking water; to guarantee a longer life for the tools, it is advisable to keep them in washing solvent.</p> <p>Stir well before use; the possible presence of a slight settling on the bottom, especially on the product that is a few months old, is not a sign of deterioration and it is sufficient to stir it thoroughly before using it. Apply at temperatures above 15°C and with a maximum relative humidity of 65%.</p> <p>All coating products are sensitive to certain particularly aggressive products used for cleaning surfaces (ammoniacal detergents, solvents, sodium hypochlorite, ethyl alcohol at high concentrations, concentrated acids, detergents with abrasives, etc.), which could compromise the integrity of the finishes. In order to avoid any kind of inconvenience, the cleaning of coated surfaces must always be carried out using pH-neutral water-based detergents.</p>

Viscosity Notes

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.

Legal notice

The working method, the application conditions, the production cycle, the use of machinery, the ambient conditions, the characteristics of the supports used, the place of use, are beyond our control and our obligations. Therefore it is essential that you test our products and the information supplied by us to make sure that they are satisfactory and suitable for the use and application methods that you intend them for and for the results you wish to achieve. This specific analysis is exclusively your responsibility and must include assessment of suitability from a technical and procedural, environmental, health and safety point of view. Any written or verbal information given by our technical and/or commercial personnel is purely to illustrate the product and help the client, and does not constitute instructions or consultancy, which remains expressly excluded. The above mentioned written or verbal information is subject to changes without prior notice and does not imply any acceptance of responsibility by our company to you and to third parties. The product is supplied in perfect conformity with the contents of this document; we therefore guarantee the consistency of the chemical-physical characteristics of the product taking into account the allowances and data contained in our technical data sheets.

The technical data sheets may be subject to modifications and revisions and therefore it is your responsibility to ensure that you have the latest data sheet by accessing our "company portal" www.icagroup.info.

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