



FP285

Detailed Description

Technical Description

2K WHITE SB BCOAT

2K WHITE SB POLYURETHANE BASECOAT

White polyurethane base coat with excellent covering and body on MDF




Main Data

| | | | | | | | | | |
|-----------------------|---|-------------|--------------|-------------|------|-------------|----------|------|---------|
| Primary Sector | <ul style="list-style-type: none"> ✓ Indoor furnitures ✓ Indoor fittings | | | | | | | | |
| Main Features | <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Outstanding</td> <td>MDF Adhesion</td> </tr> <tr> <td>Outstanding</td> <td>Body</td> </tr> <tr> <td>Outstanding</td> <td>Covering</td> </tr> <tr> <td>Good</td> <td>Sanding</td> </tr> </table> | Outstanding | MDF Adhesion | Outstanding | Body | Outstanding | Covering | Good | Sanding |
| Outstanding | MDF Adhesion | | | | | | | | |
| Outstanding | Body | | | | | | | | |
| Outstanding | Covering | | | | | | | | |
| Good | Sanding | | | | | | | | |


Chemical and Physical Properties

| | |
|-----------------------------|----------------------|
| Physical state notes | white viscous liquid |
| Solid Content % | 77.0 ± 2 |

Instructions for use



| | |
|--|---|
| Instructions for use | Mix before use |
|  | |
| Pigmentability | The product can be pigmented: refer to the "Pigmented coatings" manual or ask technical assistance service. |

Substrate


| | |
|--|--|
| Substrate | <ul style="list-style-type: none"> ✓ MDF ✓ Bare solid wood or veneer |
| Substrate preparation | <ul style="list-style-type: none"> ✓ Sand the bare wood with grain 150 and then with grain 180 paper. Dust carefully with compressed air. |
|  | |
| Substrate information | All general information refers to ICA Group products |



Application

| | | | | | |
|--|---|--|--------------------|---------------------|-------------------|
| Hardener | Hardener | % in weight | % in volume | Pot life (h) | How to add |
| | C285 | 30.0 | 50.0 | 2 | Mix manually |
| | C268 | 40.0 | 60.0 | 2 | Mix manually |
| Hardener Notes | The given hardeners are alternative. | | | | |
| Thinner | Thinner | % in weight | % in volume | How to add | |
| | D1010 | 20.0 | 30.0 | Mix manually | |
| | D1015 | 20.0 | 30.0 | Mix manually | |
| | D1034 | 20.0 | 30.0 | Mix manually | |
| Product preparation notes | The given thinners are alternative. Dilute from 10% to 20% by weight, or from 20% to 30% by volume, depending on the application needs. | | | | |
| Application   | Application | Application Notes | | | |
| | Spray-paint | With cup spraygun we recommend 1.8-2 mm nozzles and 3 atm. air pressure. Maintain application viscosity by periodically adding the solvent lost by evaporation. | | | |
| | Curtain coater | | | | |
| Quantity per coat (g/sqm) | Quantity per coat (g/sqm) | Max quantity (g/sqm) | | | |
| | 150 | 200.0 | | | |
| Number of coats | Up to three | | | | |
| Interval between coats (23°C 50% RH) (h) | 1-3 | | | | |

Drying


| | |
|--|---|
| Touch dry (23°C 50% RH) (h)  | 0.5 |
| 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 |
|-----------------------------|--------------|-----------------|-------------|-----------------------------------|
| Brookfield Viscosity | 04/20.0/20.0 | 6500.0 ± 1000.0 | cPs | Brookfield Viscosity (cps) - MP19 |
| Specific Gravity | | 1.57 ± 0.05 | g/ml | Density (g/ml) - MP01 |
| Fineness | | 45.0 ± 5.0 | Micron μ | Fineness(μm) - MP12 |



N.B.

| | |
|--|---|
| Shelf life (days) | 730.0 |
| Storage Information  | For intact and correctly stored product Store at temperatures above 5°C and below 35°C |
| N.B. | Store in a cool, dry place, away from direct sunlight. |

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.

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