



Scheda tecnica

IGP-RAPID®*top* 381ME-A1

Matte powder topcoat with a fine texture for two-coat application on temperature-sensitive wood-based materials in interiors.



Proprietà

- extra opaco
- raggrinzato var.
- Perlato
- Mica
- Indoor quality



Proprietà delle polveri

Granulometria:	< 100 µm
Corpi solidi:	> 99 %
Densità:	1.3 kg/l-1.6 kg/l
Stoccaggio:	min. 6 months a ≤ 25 °C min. 9 months a ≤ 15 °C in an unopened original container
Color tones:	RAL Metallic and individual metallic colors on request



Applicazione

Pretrattamento

If the surface finish of the MDF ex-works does not meet the quality requirements of the end product, the surface has to be sanded. This will ensure that the material has an evenly smooth surface and is free of any contaminants, minor scratches, dust, grease, etc. For more information, see IGP-TI 111.

Impianti di verniciatura

All conventional electrostatic systems with corona charging.

For the construction and operation of powder coating plants, the following regulations must be complied with: ATEX RL 2014/34/EU, EN 50177, DIN EN 16985.

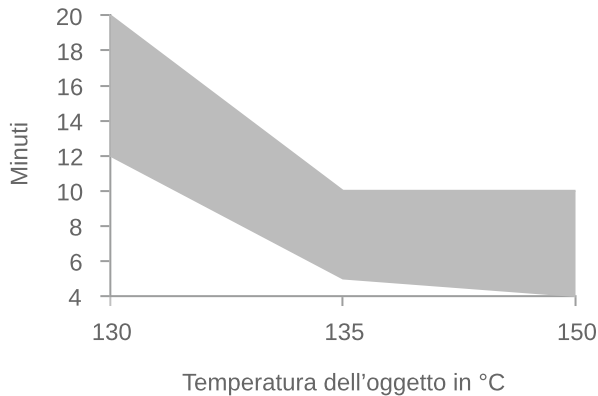
Spessore del film consigliato

80 µm - 100 µm

A homogeneous coating result with textured coatings or article-and color specific differences in hiding power may require higher coating thicknesses. The corresponding processing guidelines must be observed.

For a pre-calculation of the required powder coating quantity, the necessary coating thickness must be determined for each article.

Condizioni di cottura



T_{oggetto}	t_{min}	t_{max}
130 °C	12 minutes	20 minutes
135 °C	5 minutes	10 minutes
150 °C	4 minutes	10 minutes

Per accertare le condizioni di cottura migliori si consiglia, in ogni caso, di effettuare prove pratiche con il rispettivo oggetto e forno di polimerizzazione.

Recupero

Small portions of recovered powder can be added, automatically if possible, to the fresh powder. Important: Keep overspray to an absolute minimum. Processing instruction VR201.1 must be observed.



Caratteristiche del film

Testato per

Substrati:	EGGER MBP-L 25mm
Tested setting:	Tested on Primer 13 with a total film thickness > 160µm
Temperatura dell'oggetto:	135 °C, 5 min.

Prove meccaniche

Hinge Hole Test	≤ 1.1	IGP AA341.54
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Prove chimiche

Acetone test	1N Level 2	IGP AA341.58
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Additional properties

Behavior at chemical influence	B	DIN 68861 - 1 2011-01
Behavior at abrasion	C	DIN 68861 - 2 2020-07
Behaviour at scratches	D	DIN 68861 - 4 2013-02
Behaviour subjection to dry heat	C	DIN 68861-7 1985-04
Behaviour on subjection to wet heat	B	DIN 68861 - 8 2001-04
Lightfastness	> 6	DIN EN 15187 2006-12

Water vapor admission 3 cycles: no visible changes	i.O.	DIN 68930 2009-11
Resistance to alternating climates 1 cycle: no visible changes	i.O.	DIN 68930 2009-11
Resistance to alternating climates Module 3, 10 cycles: no visible changes	i.O.	AMK-Merkblatt 005 2015-04
Humidity resistance Module 2, 14 days: no visible changes	i.O.	AMK-Merkblatt 005 2015-04



Altre informazioni

Imballaggio

20 kg cardboard box with inserted antistatic PE liner

Protezione delle superfici verniciate

Coated parts should be packed after cooling with suitable materials without plasticizers. They should be stored protected from the weather to avoid the formation of condensation and thus water spots on the coating.

Pulizia

The coated parts must be cleaned according to the directives RAL-GZ 632 or SZFF 61.01. Technical Information IGP-TI 106 must also be observed when dealing with pearl mica effects.

Rimozione e smaltimento della pittura

After use, coated goods should be supplied to the normal recycling process. The disposal methods for sludges or residual powders must be observed in accordance with the local official provisions whilst taking Waste Code "080201 Coating Powder Wastes" in accordance with the European Waste Catalogue into consideration.

Le presenti informazioni di natura tecnica relative all'utilizzo sono fornite sulla base delle conoscenze attuali. Tuttavia devono essere considerate come indicazioni non vincolanti che non esonerano dall'effettuazione di controlli autonomi. Utilizzo, destinazione e applicazione di prodotti hanno luogo senza possibilità di controllo da parte nostra e, pertanto, soggiacciono esclusivamente alla vostra responsabilità.

Prima dell'applicazione consultare la scheda di sicurezza. Scheda di sicurezza specifica per l'articolo e misure più approfondite sulla gestione del rischio alla pagina: igp-powder.com