
OVEN GLOSSY CLEARCOAT

Code R09.30.0000.0

PRODUCT DESCRIPTION

Water-dilutable monocomponent product based on unsaponifiable resins, crosslinked by oven suitable for dip coating and spray applications.

It offers:

- Perfect adhesion (GT0, UNI 2409)
- Perfect flow
- Very high surface hardness (pencil test: 4h-5h)
- Excellent elasticity on various substrates (eg. On iron and aluminum the impact resistance both direct and reverse is > 32PI)
- Perfect water fastness
- Very high chemical resistance to both acids and bases
- Outstanding resistance to permanent staining (from marker, foods, etc.)
- Unsaponifiable
- Outstanding resistance to solvents (the film is not attacked by MEK, nor by chlorinated solvents)
- Outstanding resistance to perfumes, glycols, aggressive food (lemon, tomato, etc.)

In order to achieve colored effects specific universal dyestuff solution (80.0.----- series) can be added (maximum 5/7%).

APPLICATION FIELDS

Suitable for the protective coating and decoration of different metal surfaces such as iron, aluminum, copper and its alloys, galvanic deposits, galvanized metal sheets, etc. For this reason the product can be industrially used in various fields including:

- Handles
- Chandeliers
- Fancy goods
- Furnishing components
- Clothing Components
- Automotive Components (cars interior)

Painting and Decorating of Glass: after the addition of the additive 80.1.94.1.234 (approximately 3%) the product presents a perfect adhesion even on this material.

For this it lends itself to various uses:



- Perfumery and personal care glass packaging
- Containers for waxes and flavored waxes
- Furniture Components

PRODUCT SPECIFICATIONS

Viscosity at 20° CF ⁴	17" ± 1"	(4 DIN53211)
Specific gravity gr/lt	1025 ± 10	(UNI 8910)
Dry content % (w/w)	21,1 ± 1	(Internal method)
PH at 20°C	9,0 ± 0,2	
Film appearance	90 ± 5	(gloss a 60°)
Adhesion (cross-cut test)	Classification 0	(UNI 2409)



(The edges of the cuts are perfectly intact: no handle came off)

APPLICATION PROCESS

Modality		THINNER WATER
		0 - 30% depending on the equipment used

The optimal thickness is 15-20 µm for dry film.

DRYING

Flash off		10'-15'	20°C
Oven		30'-40'	150-140°C

SUBSTRATE PREPARATION

The substrate to be coated must be clean and free from any oil or grease substance.

STORAGE

Storage stability at 20 ° C: stable under normal storage conditions.

Store inside at temperatures between 5 ° C and 35 ° C in the sealed original packaging.

Protect from frost. If properly stored the shelf life of the product is 6 months.

NOTES

For any further information, please refer to the appropriate Safety data sheet.

IMPORTANT NOTE: The information in this sheet are not intended to be exhaustive and is based on our current knowledge and on current laws: anyone who uses the product for purposes other than those specifically recommended in the data sheet without first obtaining written permission, does it at his/her own risk. This information is given only as a guide and cannot engage the responsibility of our company nor provide a pretext for disputes of any kind that might still be associated with the use of the described products. Any suggestions or statements made by us regarding the product (in this sheet and in other ways) are correct to the best of our knowledge, however, are beyond our control the quality or state of the substrate or the many external factors affecting the use or application of the product. Consequently, in the absence of a specific written agreement, we accept no liability for product performance or for any loss or damage caused by it. All products and the technical advices provided are subject to our standard terms and conditions of sale. The information contained in this form are subject to periodic changes in the light of experience and our policy of continuous development. It is user's responsibility to check that this sheet is current prior to using the product.