

ENERGY

1360.

2 K Medium-solid acrylic clear

28/10/13 LRB/nz

Description and use

ENERGY is an acrylic clear-coat, medium solids content, non-yellowing, which offers a good gloss level, very good surface hardness, and long durability.

Easy to be applied, fast drying, provides excellent finishing coats for standard industrial use.

The three hardeners allow to choose every time the most suitable one for the application you are making, offering a large range of uses.

Technical data

Binder	: acrylic resins/isocyanate
Pot-life	: 2 hours approx.
Dry film appearance	: bright - 90 ÷ 92 gloss (Gardner 60°)
Viscosity	: part "A" : 50 ÷ 70 seconds ISO-DIN Cup # 4
Practical cover rate*	: 6 ÷ 8 m ² /l per two coats.
Storage life	: 24 months in original sealed container.

*The cover rate is calculated on the suggested thickness and applied on plane and regular surfaces.

NB: Data recorded @ 20°C (68°F.)

Substrate preparation

Surface must be dry, clean and silicon, grease or oil free.

Preparation

Select the suitable hardener, and mix thoroughly the two components in the following ratio:

	BY WEIGHT / IN PESO	BY VOLUME / IN VOLUME
PRODUCT / PRODOTTO 1360 ENERGY	100	2
HARDENER / INDURITORE 4105 INDURITORE SLOW <i>or else/oppure</i> 4305 INDURITORE STANDARD <i>or else/oppure</i> 4505 INDURITORE FAST	50	1
THINNER / DILUENTE 1653 DILUENTE PER ACRILICI <i>or else/oppure</i> 1648 DILUENTE PER ACRILICI LENTO	0 ÷ 5	0 ÷ 5

Application method : - air mix spray gun with nozzle Ø 1.2 ÷ 1.4 mm and pressure of 2 ÷ 3 bar.

Recommended thickness : 50 µm dry film, waiting 5 ÷ 10 minutes between coats.

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DRYING TIME / ESSICCAZIONE	Dust free Fuori polvere	Handling Maneggiabile	Through drying In profondità
Air drying/Aria @ 20°C 65%R.H./U.R.	10 ÷ 15 minutes/minuti	6 ÷ 7 hours/ore	24 hours
Oven/Forno @ 60°C Flash off/ Appassimento: 10 minutes			30 minutes
I.R. Lamps: follow manufacturer's instructions (e.g. times and distances)			

- Use of the hardener:** :
- INDURITORE SLOW : code 4105
To be used in the summer time, in case of oven drying, and to paint large surfaces.
 - INDURITORE STANDARD : code 4305
General use, for oven or air drying.
 - INDURITORE FAST : code 4505
Used for retouching on little surfaces, during the cold season or when there is no use of the oven.

NOTE:

Information provided in this technical data sheet is based upon our best experience and technical knowledge; it does not absolve the users from carrying out tests and preventive checks in order to verify the suitability for use. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE.
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