

RESOLCOAT 4020 IN

Hardener 4025

Self-levelling epoxy system

- Simple « ready to use » kits.
- Very high resistance
- Mirror like - high-gloss surface aspect



RESOLCOAT 4020 IN is a self levelling, thick, highly resistant epoxy coating system based on a 100% dry extract epoxy resin. It's unique formula enables the realization of perfectly levelled floors—with a simple no-nonsense application method. Perfect surfaces will be obtained with 3 mm (~5Kg/m²) to maximum 12 mm (~20Kg/m²).

Apart for greasy surfaces, **RESOLCOAT 4020 IN** is compatible with most substrates such as concrete, cement, stone, terracotta, metal, composites...etc. Nevertheless, on porous substrates, it is recommended to apply a primer coat of RESOLCOAT 1010AD-1015 in order to close the surface and block air bubbles coming up.

Application may be done with a notched spatula or a flat ruler with calibrated spacers in order to achieve uniform thicknesses while spreading the compound. It is recommended to use bubble buster rollers in order to achieve mirror like surfaces.

If necessary, it is possible to increase the scratch resistance with a modified Polycarbonate varnish **RESOLTHAN TOP FINISH** with mat, semi gloss or high gloss aspect.

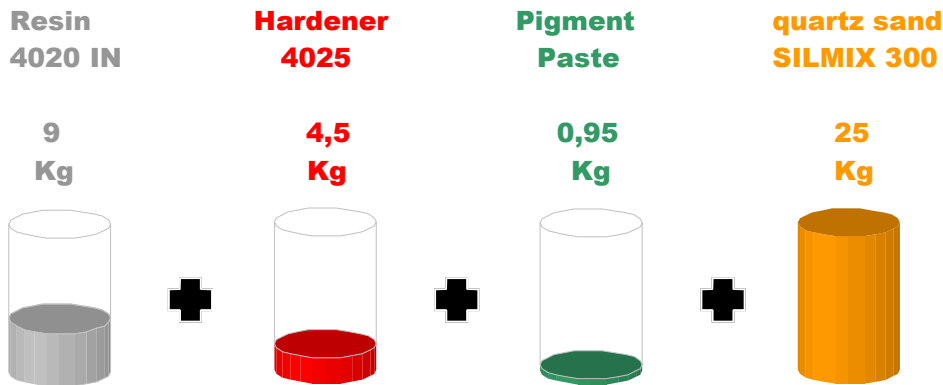
RESOLCOAT 4020 IN does not contain any solvents, making its application safe for the users and environmentally friendly.

Resin 4020 IN

Hardener 4025

Self levelling epoxy system

MIXING RATIO BY WEIGHT



The mixing ratio must be respected, with no default or excess. Mixing should be homogeneous before use.
The resin, hardener and pigments must be mixed prior to the incorporation of the sand.
For quantities over 60 kits, it is possible to order the resin pigmented to any RAL colours.

APPLICATION

It is recommended to use the system within temperatures between 18°C and 25°C. Lower applications temperature around 15°C are possible but the hardening will result longer. It is not recommended to apply the system under 10°C with hygrometry above 70%.

Surface preparation :

90% of a successful application starts with a proper surface preparation. Surfaces should be degreased, abraded and dusted. The more homogeneous the support is, the better the surface of the self levelling will be. Filling larger holes is highly recommended. On porous surfaces it is highly recommended to apply a priming closing coat with the primer 1010AD-1015 with application of the 4020IND within 24h.

Mixing

The kit is composed of :

4020 IN	-	Resin part	-	9 Kg in 25L metal container
Pigment paste	-	Pigment	-	0.95 Kg in 1L metal container
4025	-	Partie durcisseur	-	4,5 Kg in 5L plastic jerrycan

- 1 - Pour the pigment and the 4025 hardener in the 4020IN resin container.
- 2 - Mix mechanically thoroughly, until a perfectly homogeneous colour is obtained. Scrape the sides of the container in order to avoid to leave un-mixed components
- 3 - Add the 25 Kg bag of SILMIX 300 while mixing.

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APPLICATION

Application :

Right after mixing, pour onto the surface, level with a ruler or a notched spreader (8mm triangular notches) and help the air release with a self levelling floor bubble-buster roller:



The minimum thickness required is 3 mm (~5Kg/m²) and maximum 12 mm (~20Kg/m²)

PHYSICAL CHARACTERISTICS @ 23°C

Visual aspect

4020 IN :	Colorless liquid
4025 :	Colorless to slightly yellow liquid

Density

4020 IN :	1,1
4025 :	1,1

HARDENING

Pot life @ 25°C sur 100g :	1 h
Complete hardening @ 25°C :	24 h to 48h

CHARACTERISTIQUES

Chemical resistance

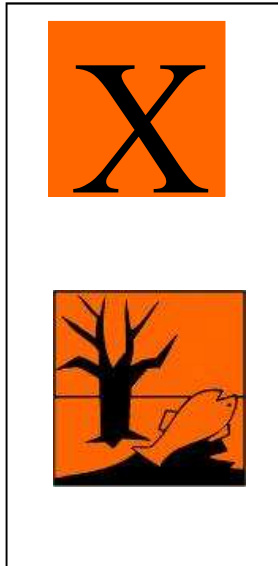
Toluene :	3 to 7 days
Bleach 10vol :	7 to 28 days
Ethanol :	28 to ...days
Nitric acid 10% :	28 to ...days
Lactic acid :	28 to ...days
Deionised water :	28 to ...days

Resin 4020 IN

Hardener 4025

LABELLING

4020 IN



4025



PACKAGING

4020 IN

9 Kg en seau acier 25L

4025

4.5 Kg en jerricane plastique 5L

Pigment

0.95 Kg en Boîte acier 1L

Sable SILMIX 300

Sac de 25 Kg

TRANSPORT & STORAGE

Shelf life is one year in sealed containers as provided. Keep containers sealed and away from heat and cold preferably between 10°C and 30°C in a well ventilated area.

HEALTH & SAFETY

It is advised to follow basic rules such as avoiding skin contact, wear masks when producing dust. Please read our standard health and safety sheet for more information.

In case of eye contamination, wash with water and seek medical advice.

Note The data provided in this document is the result of tests and is believed to be accurate. We do not accept any responsibility over the mishandling of these products and our liability is limited strictly to the value of the products we manufacture and supply.



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