

# RESOLCOAT 4020 W

## Hardener 4024W

### Water based self-levelling epoxy system

- Simple « ready to use » kits.
- Very high resistance
- Mat surface aspect



**RESOLCOAT 4020 W** is a water based 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/m<sup>2</sup>) to maximum 6 mm (~10Kg/m<sup>2</sup>) .

Apart for hydrophobic or greasy surfaces, **RESOLCOAT 4020 W** is compatible with most substracts such as concrete, cement, stone, terracotta, metal, composites...etc. Nevertheless, on porous substracts, it is recommended to apply a primer coat of RESOLCOAT 1010—1014 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 perfect mat surfaces with a slightly anti skid surface.

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 4020W** should not be used on surfaces exposed to intense direct UV exposure.

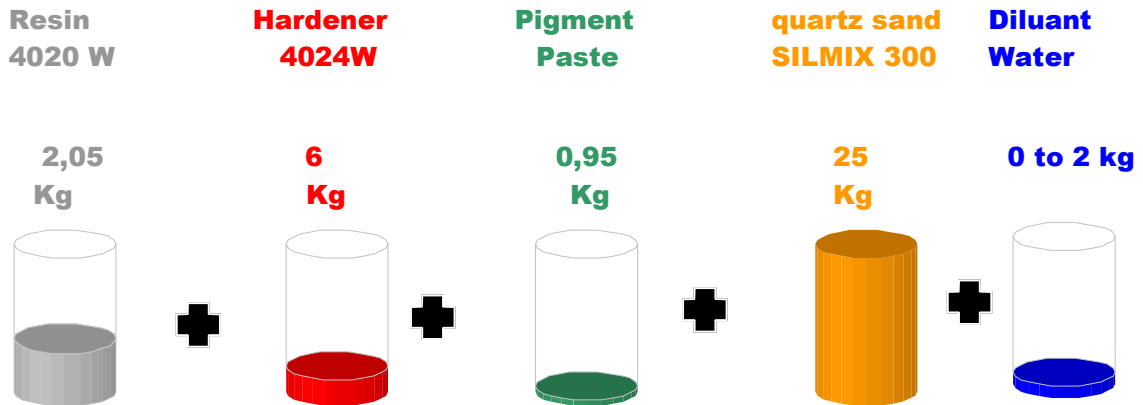
**RESOLCOAT 4020 W** does not contain any solvents, making its application safe for the users and environmentally friendly.

# Resin 4020 W

Hardener 4024W

## 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 in order to facilitate the water evaporation. Lower applications temperature around 15°C are possible but the hardening will result longer and a good ventilation is recommended. 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 W	-	Resin part	-	2,05 Kg in 3 L metal container
Pigment paste	-	Pigment	-	0.95 Kg in 1L metal container
4024W	-	Hardener part	-	6 Kg in 27L plastic can

- 1 - Pour the 4020W resin and the pigment in the hardener 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.
- 4 - Add up to 2 L of water if deemed necessary in order to dilute the selflevelling compound

# Resin 4020 W

Hardener 4024W

## Self levelling epoxy system

### 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/m<sup>2</sup>) and maximum 6 mm (~10Kg/m<sup>2</sup>)

### PHYSICAL CHARACTERISTICS @ 23°C

#### Visual aspect

4020 W :	Colorless liquid
4024W :	Colorless to slightly yellow liquid

#### Density

4020 W :	1,1
4024W :	1,1

### HARDENING

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

### CHARACTERISTIQUES

#### Chemical resistance

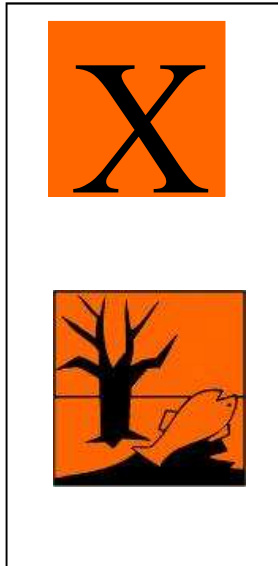
Toluene :	3 to 7 days
Bleach 10vol :	7 to 28 days
Ethanol :	28 to ...days
Nitric acid 10% :	28 to ...days
Lactic acid :	28 to ...days
Deionised water :	28 to ...days

# Resin 4020 W

Hardener 4024W

## LABELLING

4020 W



4024W



## PACKAGING

### 4020 W

2,05 kg in 3L metal can

### 4024W

6 Kg in 27l plastic can

### Pigment

0.95 Kg in 1L metal can

### Sable SILMIX 300

25 Kg bag

## 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.



35, impasse Emeri • Pôle d'activités  
13510 EGUILLES • FRANCE

Tél : +33 4 42 95 01 95 • Fax : +33 4 42 95 01 98

e-mail : [export@resoltech.com](mailto:export@resoltech.com) • website : [www.resoltech.com](http://www.resoltech.com)

Page 4/4