



la marque  
du bâtiment

# R.C.TUILE

## ONE-COMPONENT ADHESIVE SEALANT

For repair & adhesion of roof tiles - ridges

Report no. 19473 - Tests as per standard NF P 85 - 610

### 1. PRESENTATION

**R.C. TUILE** is an elastomer adhesive sealant made using specific polymers and specifically developed for the adhesion of tiles and the fixing of roof elements. It vulcanises upon contact with air humidity and forms a highly flexible and resistant rubber.

### 2. ADVANTAGES

- Excellent adhesion on all building materials.
- Excellent resistance to weathering and UV rays.
- Provides excellent air and water tightness to the various adhesion works commonly found in buildings.
- Does not corrode materials.
- Elongation at failure: 550%
- Flexible and strong adhesion.
- Good adhesion on silicone or non-silicone tiles, treated or untreated.
- Quick polymerisation with no shrinkage.
- Does not emit bad odours.
- Not corrosive.
- Very easy implementation.



### 3. APPLICATION

- Adhesion of tiles and ridges.
- Adhesion of tiles on battens, fibre cement or wood laths.
- Adhesion and tightness of window sills, door sills and bay windows.
- Adhesion of flashing strip.
- Adhesion of wood moulding, floorboards, baseboards... for interior decoration.
- Adheres to most substrates without any primer: concrete, terracotta, faience, anodised aluminium, metal, wood...
- Tightness of vertical joints (cladding plate, etc.) and horizontal joints on floors and split surfaces subject to significant expansion and stress.

### 4. INSTRUCTIONS

#### Substrate preparation:

Substrates must be clean, dry, dusted, degreased and free of loose material.

#### Adhesion:

Apply dots or a bead of **R.C. TUILE** on one of the substrates.

Fix the part to be glued by applying manual pressure so as to compress the dots or the bead.

Apply before a film forms on the product.

If necessary, hold the part in place during the first hours of polymerisation.

Heavy materials that exceed 8 kg/m<sup>2</sup> must be supported for 8 to 15 hours.

Cleaning of the equipment with **DORTHZ LINGETTES BLANCHES** or **GRISES** before vulcanisation.

After vulcanisation, the sealant can be removed through scraping.

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### Application:

|                           |   |
|---------------------------|---|
| Application equipment     | : High Quality spray gun (Code 5680)<br>: H1 spray gun (Code 5685)  |
| Consumption               | : For adhesion, 1 cartridge for 5 to 6 m <sup>2</sup><br>: For jointing, 1 cartridge for 12 m (5 x 5 ml)              |
| Application temperature   | : +5°C to +40°C   |
| Atmospheric conditions    | : Application in dry or slightly misty weather<br>: Application on barely wet substrates (adhesion problem otherwise) |
| Cleaning of the equipment | : DORTHZ LINGETTES BLANCHES or GRISES   |

## 5. CHARACTERISTICS

### Non-hardened sealant

|                                  |                                 |
|----------------------------------|---------------------------------|
| Appearance in cartridge          | : Coloured paste                |
| Density                          | : 1.25 ±0.05 g.cm <sup>-3</sup> |
| Film forming (23°C, 50% RH)      | : 10-15 minutes                 |
| Dry through (at 20°C and 65% RH) | : 3 mm / 24 hours               |

### Hardened sealant

|                                       |   |
|---------------------------------------|---|
| Shore A hardness (ISO 868)            | : 25 ±5                                     |
| Modulus at 100% elongation (ISO 8339) | : 0.40 N/mm <sup>2</sup>                    |
| Elongation at failure (ISO 8339)      | : 550 %                                     |
| Service temperature                   | : -40°C to +150°C                           |
| Shelf life                            | : 1 year in its unopened original packaging |

(For more information, please refer to paragraph 9 of the safety data sheet).



This colour chart is only indicative.  
Despite all the care taken in preparing this document,  
differences may be observed between the colours printed  
and the actual colours.

## 6. SAFETY OF USE

- See the product's Safety Data Sheet at [www.quickfds.fr](http://www.quickfds.fr).
- Store in a well-ventilated room at a maximum temperature of 25°C.
- Keep out of reach of children.
- Store in the unopened original packaging away from moisture.

The details provided in this Data Sheet are given in good faith, for information purposes only. They shall not in any case constitute a guarantee on our part, or engage our responsibility when using our products. This Data Sheet supersedes all previous versions. Compagnie France Chimie reserves the right to make changes to its products and to this data sheet without prior notice. Our clients shall ensure, before any implementation, that these instructions have not been replaced by a more recent version that takes into account new technical data.

Product solely intended for professional use.

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