

Coloured renovation coating for pitched roofs

Application

- Renovation of artificial slates (working method 1/2/3)
- Coating of corrugated sheets in fibre cement (working method 1/2/3)
- Coating of roof tiles in concrete or baked earth (working method 1/2/3)
- Coating of ceramic and/or glazed roof tiles (working method 3)

Properties

- Water-based.
- Environmentally and processor-friendly.
- UV-resistant, colourfast.
- Resistant to moss and algae growth.

Directions

Preparation

- The roof must be clean and free of all questionable and loose existing paint layers.
- The roof must be constructed according to a conforming design concept, and still sufficient for painting.
- The roof must be free of bitumen-containing (paint) layers. To check whether a paint layer is based on bitumen or questionable, it is sufficient to rub a cotton swab soaked in White Spirit over the paint layer. If the paint layer dissolves and the cotton swab absorbs the colour of the paint layer, the roof is not suitable for painting with **Ardocolor 2**.
- Clean the roof with Demassol or Rewanet Mega.

Working method

There are 3 possible methods for applying primer and coating.

Method 1

- First layer = Ardocolor Primcoat
- Second layer = **Ardocolor 2**
- Third layer = **Ardocolor 2**

Method 2

- First layer = mixture of **Ardocolor 2** and Ardocolor Primcoat
- Second layer = **Ardocolor 2**

Method 3

- First layer = Metarust Primer or Saltprim 2K
- Second layer = **Ardocolor 2**
- Third layer = **Ardocolor 2**

Method 1: With Ardocolor Primcoat as pre-treatment layer

- After cleaning and drying the roof: apply Ardocolor Primcoat.
- After drying Ardocolor Primcoat: apply 2 layers of **Ardocolor 2** with a brush, roller or airless spray gun (spray head 319 or 321).

- Apply the second layer of **Ardocolor 2** when the first is walkable and sufficiently dry. Minimum interval of 2 hours.
- Apply the second layer crosswise or overlapping the first layer.
- With each layer, ensure that the sides of the slates are sufficiently covered with product.

Method 2: With variant Ardocolor Primcoat/**Ardocolor 2** as pre-treatment layer

- After cleaning and drying the roof: apply the Ardocolor 2 + Ardocolor Primcoat mixture.
- The mixture consists of 20 kilos of **Ardocolor 2** and 10 litres of Ardocolor Primcoat.
- Add the Ardocolor Primcoat to the **Ardocolor 2** and avoid air ingress during mixing.
- When applying this mixture, ensure that the sides of the slates are sufficiently covered with product.
- After drying the Ardocolor Primcoat/**Ardocolor 2** layer: apply 1 layer of **Ardocolor 2** with a brush, roller or airless spray gun (spray head 319 or 321).
- Apply this layer when the previous one is walkable and sufficiently dry. Minimum interval of 2 hours.
- Apply this layer crosswise or overlapping the first layer. - With each layer, ensure that the sides of the slates are sufficiently covered with product.

Method 3: With Metarust Primer or Saltprim 2K as pre-treatment layer

- After cleaning and drying the roof: apply with Metarust Primer or Saltprim 2K. A small adhesion test (cross cut) on site can determine the most suitable product for the roof tiles used.
- After drying the primer: apply 2 layers of **Ardocolor 2** with a brush, roller or airless spray gun (spray head 319 or 321).
- Apply the second layer of **Ardocolor 2** when the first is walkable and sufficiently dry. Minimum interval of 2 hours.
- Apply the second layer crosswise or overlapping the first layer.
- With each layer, ensure that the sides of the slates are sufficiently covered with product.

Important remarks

- Once the roof has been cleaned, the renovation treatment should be carried out as soon as possible. If, due to circumstances, the finishing cannot be carried out immediately after cleaning, the roof must be cleaned again before applying the finishing layers. The same conditions apply if, due to circumstances, the finishing layers cannot be applied immediately.
- If still in good condition, natural slates can also be coated. In this case, the substrate must first be treated with Saltprim 2K, after which the work can be continued as described above.
- Do not apply in rain, threatening rain, frost or threatening frost.
- Ideal processing temperature: between 10°C and 25°C.
- The minimum film formation temperature is 10°C. In extreme weather conditions, avoid applying the product on the side of the roof that is in full sun at the time of application.
- In warm weather conditions, we also recommend mixing a little water with the product, without air ingress, in order to obtain a monochrome result. - After use: clean application material with water to which a little detergent has been added.

Technical characteristics

Appearance	semi-liquid
Density	+/- 1.2
Dry solids content	+/- 37%
Type of raw materials	hybrid resin + surface-working additives
Solvent	water
Watertightness	Karsten pipe 15 – 5 = 0 No penetration from 0.2 kg/m ²
Water vapour permeability	Cup Payne: +/- 120g/m ² /24 h/0.2 kg/m ²
Elongation capacity	> 200%
Resistance to blistering	ASTM D.2366-68: no blistering
Behaviour during ageing	ASTM 653-84 / 1500 hours adhesion scratch square 1mm OK wear resistance Usabel / Tabert > 2500 revolutions ASTM 653-84 / 3500 hours Colour fading: 0 No fading or loss of gloss observable
Moss resistance	NFX 41,250 None moss development dry or after washing out

Colors

Standard colours Black, Anthracite, Red, Aubergine, Terra, Brown, Fondant.
Additional colours can be developed per project (min. quantities required).

Quantity to use

Method 1: With Ardocolor Primcoat as pre-treatment layer

Pre-treatment	+/- 0,10 ltr/m ² Ardocolor Primcoat
First layer	+/- 0,20 kg/m ² Ardocolor 2
Finishing layer	+/- 0,20 kg/m ² Ardocolor 2

Method 2: With variant Ardocolor Primcoat/Ardocolor 2 as pre-treatment layer

Pre-treatment	+/- 0,15 kg/m ² mixture
Finishing layer	+/- 0,20 kg/m ² Ardocolor 2

Method 3: With Metarust Primer or Saltprim 2K as pre-treatment layer

Pre-treatment	+/- 0,10 – 0,15 ltr/m ² Metarust Primer or Saltprim 2K
First layer	+/- 0,20 kg/m ² Ardocolor 2
Finishing layer	+/- 0,20 kg/m ² Ardocolor 2

Packaging

Ardocolor Primcoat = 10 ltr
Ardocolor 2 = 20 kg

Safety information – Transport – Handling and storage - Waste

Consult the most recent and product-related safety information sheet from Rewah in compliance with the (EU) 453/2010 annex II/A guidelines. The information on the abovementioned safety information sheet has been drawn up with the greatest care and is based on the knowledge available at the date of issue. We accept no liability for damage or hindrance of any kind which could be caused by the use of the product concerned.

Transport and storage

Transport and store away from frost. Protect the product and its packaging against direct sunlight. Avoid storage at temperatures >30°C.

Storage life

2 years after manufacturing in the original closed packaging.

Considerations

The data included in this sheet, the application advices and other recommendations are based on extensive research and experience. They are however not binding also in relation to third party liability. They do not protect the customer against checking the products and directions for their suitability for the purpose. The characteristics and properties described are average values and analyses registered at 20°C, variances are tolerated. Our customer service will gladly answer your questions. The rewrite of this sheet replaces all previous sheets.