

Coating

Triflex Metal Coat



Product information

Applications

Triflex Metal Coat is used as a surface coating on metal roof structures. It protects against corrosion and extends the service life of the roof. Triflex Metal Coat must not be applied to areas where ponding water exists.

Properties

Single-component aqueous coating with a high polymer base. Triflex Metal Coat offers the following features:

- Waterproof
- Elastic
- Impact- and shock-resistant
- Low viscosity
- Lead- and chromate-free

Pack size

Drum

20.00 kg Triflex Metal Coat

Colours

3056 English red
6011 Reseda green
7032 Pebble grey
7040 Window grey
7056 Grey green
9002 Off-white
9010 White

Storage

Can be stored unopened for approx. 24 months in a cool, dry place above 0 °C. Keep container away from direct sunlight when in storage and on the construction site.



Conditions for use

Triflex Metal Coat can be applied at substrate and ambient temperatures between +8 °C and +55 °C. The relative humidity must not exceed 80 %.

Preparation of the substrate

The substrate must be dry and free of loose particles, grease and oil. For best adhesion results, remove rust, rust scale, mill scale and unstable old coatings. Where blasting is impractical, loose rust, rust scale and old paint layers should be removed with a scraper or wire brush and primed with Triflex Metal Primer. Stable old coatings should be roughened for better adhesion. Adhesion with stable old coatings must be tested on a case-by-case basis.

During application, the surface temperature must be at least 3 °C above dew point. Below that, a separating film of moisture can form on the surface to be worked on (DIN 4108-5, table 1). See dew point temperature table.

Mixing instructions / Application method

Before applying the product, stir or shake the contents until homogeneous. Triflex Metal Coat must be applied in two coats with the Triflex universal roller. Alternatively, Triflex Metal Coat can be applied using the airless spray method.

Coating

Triflex Metal Coat



Product information

Mixing ratio

1-component, apply undiluted

Material consumption

The coating is applied in two layers:

Roller/brush application:
approx. 200-300 g/m² per layer

Spray application:
Airless: approx. 300-400 g/m² per layer
Nozzle size: 13-17, Pressure: min. 170 bar
Make: e.g. Wagner PS 3.25

Total volume: approx. 600 to 800 g/m².

Drying time

Can be recoated after: approx. 2 hrs. at +20 °C
Fully hardened after: approx. 2 weeks at +20 °C

Notes on special hazards

See Safety Data Sheet, section 2

Safety tips

See Safety Data Sheet, sections 7 and 8

Measures in case of fire or accidents

See Safety Data Sheet, sections 4, 5 and 6

General notes

We guarantee the consistently high quality of our products. Non-Triflex products must not be used with Triflex systems.

The advice we give in relation to the application of our products is based on extensive development and many years of experience, and is correct to the best of our knowledge. Given the multitude of on-site requirements, under the most varied of conditions, the user is required to test the product's suitability for its respective purpose. Technical information is subject to change without notice in the interests of technical advancement or enhancement of our products.