

[www.eco-therm.at](http://www.eco-therm.at) | [www.antikondensat.at](http://www.antikondensat.at) | [www.korrotech.at](http://www.korrotech.at)

## ECO-THERM Adhesion to various surfaces

In general, the **ECO-THERM** anti-condensation coating adheres to most substrates, but it is of great importance that the surface is free of grease, oil, rust and similar dirt before an **ECO-THERM** anti-condensation coating is applied:

### 1. Primer treated panels:

Most trapezoidal sheets are treated with an epoxy primer on the underside; a very good surface for an **ECO-THERM** anti-condensation coating

Dust is removed with compressed air, grease and rust with an emulsifying solvent, and cleaned with water.

Rust damage is brushed off and then treated with a primer, e.g. zinc chromate

In new buildings, it happens that the oil used as a lubricant sticks to the corrugated sheets, this should be removed before coating.

### 2. Galvanized sheets:

New profiled sheets:

If the surface is bare and greasy, it should be treated with a primer, type Washprimer, before an **ECO-THERM** anti-condensation coating is applied. As an alternative, one can add a binder

Older galvanized sheets:

A dry surface is a good surface for **ECO-THERM** anti-condensation, however rust should be brushed off and primed

### 3. Untreated steel sheets:

Untreated steel panels should be cleaned and treated with a rust preventive.

### 4. Aluminum sheets:

New aluminum sheets are pre-treated like galvanized sheets. Older aluminum sheets could be coated with **ECO-THERM** anti-condensation without pre-treatment. In order to check the adhesion, it is advisable to carry out a test coating..

### 5. Eternit

Before applying an **ECO-THERM** anti-condensation coating, loose parts should be brushed off and grease and rust removed.

Older porous Eternit: Usually apply a "Sealer or Primer" before applying a coating.



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#### 6. Concrete, lecaconcrete, plaster, cobblestone, etc.

Please refer Eternit

#### 7. Color treated surface

**ECO-THERM** anti-condensate will adhere to most surfaces, however, two component epoxy, polyurethane or fire finish should only be treated after consultation with the manufacturer or retailer.

#### 8. Wood

**ECO-THERM** anti-condensation has good adhesion to all types of wood, including fiberboard

#### 9. Plastics

PVC: good adhesion (possibly rub off with a release agent)

Glasfaser-Polyester: gute Haftung

Polyethylene HD LD: Not suitable as a surface

A good end result not only depends on the **ECO-THERM** anti-condensation coating, but also the pre-treatment and external conditions play a major role

Please note the recommended layer thickness.