



1. The GrafoTherm Treatment Procedure

This program applies to GrafoTherm and GraphoTherm Line products. The conditions may be very different in premises with condensation problems. The procedure should, however, always involve the following steps:

Step 1 Investigation

It is very important to estimate the moisture load that causes the condensation problems. If there is a vapour surplus in periods of one week or more, it is necessary to calculate the moisture load to apply sufficient amount of GrafoTherm to hold the vapour surplus.

Dimensioning factors are

- The local climate
- Type of building. Insulated or un-insulated. Ventilated or unventilated. Heated or unheated.
- Is moisture entering through open doors?
- What kind of products is stored in the premises? Do they release vapour?
- Are there moisture-producing activities in the premises?
- Please note that heat-producing activities can cause a very humid microclimate under the roof since warm, humid air is lighter than cold and dry.

See also Consumption rate of GrafoTherm below.

Step 2 Pre-treatment of the surface.

Do all necessary prep-work that is required for the application of GrafoTherm e.g. removal of loose paint, corrosion protection etc. See Surface preparation of the substrate before application issued in Product Data Sheet.

Step 3 GrafoTherm application and equipment

See Application instructions prior to Product Data Sheet

2. Consumption rate of GrafoTherm

For the standard situation = the natural, day and night condensation cycle 0.6 – 0,7 kg/m² is recommended.

If products that release rather large amounts of water are stored in the premises, e.g. grains, hay, newly produced paper good ventilation and 0.9 kg/m² is recommended.

In premises with moisture producing activities, i.e. stables and other animal shelters 1.0 – 1.2 kg/m² is recommended.

If conditions are severe, please ask Drytech or Tikkurila for advice.

3. Maintenance of GrafoTherm coatings

No maintenance is normally required.

4. Repairs and touch up of a GrafoTherm coating

- Remove grease, oil and soot from the surface if it is very dirty.
- Apply GrafoTherm direct to the old coating. To get the same appearance and structure as the old coating, use the same application method as was originally used.

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