



More peace in the room – sound absorbing anti-condensation protection

Metals and metal sheets, such as those used in the construction industry, building technology and plant engineering tend to reflect noise. KefaAkustik combines sound-absorbing and moisture-regulating properties in a protective coating that reduces noise pollution while providing reliable protection against condensation damage with a minimum of additional weight.

Properties

- Noise reduction (anti-rumbling)
- Protects against dripping condensation and consequential damages
- Keeps surfaces dry
- Passive corrosion protection
- Provides thermal insulation
- Temperature resistant from -40 °C to +130 °C
- Elastic
- Does not crack when it dries up
- Toxicologically safe in case of fire (ISO5659-2), non-flammable
- Emission-free
- Permeable
- Eco-friendly

Use

KefaAkustik can be used in industrial and construction sectors on all insulated and non-insulated metal surfaces. The protective coating is particularly suitable for galvanized steel sheets, aluminium and zinc-aluminium alloys. KefaAkustik is **not** suitable for surfaces that are constantly exposed to stagnant/flowing water.

For example, it can be applied on:

- Roofing sheets
- Metal façades
- Partition walls
- Covers
- Switchboxes
- Ventilation ducts
- and much more.

Application

KefaAkustik can be processed in an industrial coating plant for coarse-grained materials or applied subsequently by spraying. KefaAkustik is ready for use in industrial quality for processing in coating systems and in airless quality for processing with airless spray equipment. The standard colour of KefaAkustik is white, however it can also be tinted with any dispersed water-soluble full-tone colour (max. 8 %). Application by brush, roller or trowel is also possible for smaller works.

Not to be used in temperatures below +5°C

1. Preparation

KefaAkustik has very good adhesion to most metal surfaces. Stainless steel requires additional pre-coating with an adhesive-based primer and aluminium requires a wash primer. The surfaces must be dry and free from any separating substances (i.e. dirt, oil, etc.) during application. Rust must be removed and treated with rust protection before coating

KefaAkustik

technical application data sheet



2. Equipment

A coating system is necessary to process KefaAkustik Industry, and corresponding airless equipment, such as Graco T-Max 405 (without compressor), is required for KefaAkustik Airless. When doing this, use gloves and a face mask!

Important: When using airless spray equipment you must first remove all device filters. Replaceable nozzle: 437 or 537

3. Coating with KefaAkustik

Stir KefaAkustik well with a low speed electric mixer.

Material requirement

Min. 1,200 g wet material per m²

(important: The layer thickness must be at least 1,200 g of wet material per m² in order to ensure optimum efficiency of the microporous surface. The acoustic loss factor is dependent on the applied amount of material in relation to the sheet thickness.)

Drying

Drying time is approx. 8 h at 20 °C. Provide adequate ventilation during and after application.

Cleaning

Clean tool with clean water.

Hazard class: 0

Never paint over KefaAkustik with other materials or clean with high pressure cleaner!

EU VOC limit values category A/i 140 g/l

KefaAkustik Airless VOC 15 g/l

Never allow the product to enter drainage system, waterways or soil. Only the empty containers may be disposed of for recycling. Dispose of dried-off material rests with household waste or construction waste. Liquid residues must be disposed of in an appropriate public collection point. Observe the product information! Store away from frost. Protect from direct sunlight.