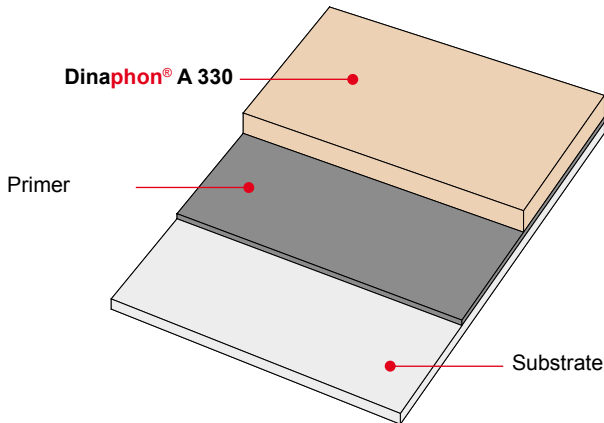


Dinaphon® A 330

06/2008

Spray-on, water-based, noise deadening and condensation preventative coating

Cross Section



Applications

Dinaphon® A 330 is an effective means to deaden noise caused by solid-borne vibration of metal facades, gates, door frames, ductwork and machine jacketing.

The dry coating is also capable of absorbing high volumes of moisture and provides excellent protection against dripping water caused by condensation in spaces subject to sudden, high relative humidity.

Dinaphon® A 330's double purpose function makes it an extremely economical product.

Attributes

Dinaphon® A 330 adheres exceptionally well to light metals, such as aluminium, aluminium alloys, phosphate treated and anodized aluminium. Due to its high solids content, it can be applied in thick coats without cracking. It sprays very well and does not run or sag on vertical surfaces. In addition, low temperatures do not affect its excellent elasticity and adhesiveness.

Use

Although the preferred method usually is to apply **Dinaphon® A 330** directly from the drum with a suitable drum pump, it is also possible to apply the compound manually with a trowel or similar tool. Spraying is especially economical for large or complex surfaces or surface geometries. Use a 4 - 6 mm diameter nozzle and compressor with 30 - 35 m³/h capacity. The spray gun working pressure should be 4 - 7 bar.

Experience indicates that **Dinaphon® A 330** is best applied in coats that do not exceed 4 mm. If multiple coats are applied, do not sand or rough the dried layers before applying the next coat.

Technical Data

Product Data	Dinaphon® A 330
Adhesion to primed sheet metal	0.23 N/mm ²
Specific weight:	
At purchase	1.409 g/cm ³
Dry	1.825 g/cm ³
Solids content	64 %
Contraction with drying	65 Vol. %
Coverage and drying time:	
Per mm of dry coat without loss	3.557 kg/m ² *
Per mm of wet coat	1.245 kg/m ²
1 mm wet coat = x mm dry coat	.35 mm
Water absorption (percent by weight)	12.3 % after 24 h
Drying time (normal conditions) for 4 mm coat	72 h
Fire ratings as per DIN 4102	B1
Heat resistance:	
At 120 °C	3 days
At 170 °C	3 hours

* Does not include allowance for overspraying

Drying

A wet coat of 1.5 mm requires 10 – 12 hours to dry at 20°C and 50% relative humidity. Depending on the actual conditions of the specific site, the drying time may vary greatly. Air circulation is very important to the drying process.

Packaging Unit and Form

High viscosity liquid for spray application

Colour: cream

Standard packaging unit:

20 kg tub, 200 kg drum

Shelf Life

Six months if stored in a properly sealed original container and not exposed to freezing temperatures

Technical Information

Cleaning of tools, equipment and hands:

Dinaphon® A 330 removes easily with water if wet.

Physiological effects:

None.

Flammability:

Non-flammable if wet.

Safety information:

Not classified as toxic. Not available for retail sale to public.

BAG T No. 619000 (Swiss code). VVS 1610. RID/ADR non-hazardous European rating.

Solvent content: 0%

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