



LACKTHERM® 1317/120 H

Code: 10001720

PRODUCT DESCRIPTION

Epoxy powder coating with excellent adhesion, flexibility, and physical and chemical resistance. Excellent anticorrosive protection and low resistance to yellowing.

Hybrid powder coating with good adhesion and flexibility, high physical resistance and good chemical resistance.

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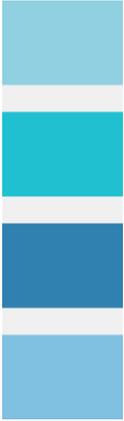












Coating of metal surfaces for use in corrosive or chemically aggressive environments, indoors or sheltered. It can be used as a primer in two-coat systems. Not recommended for outdoor use.

Coating of metal parts for use in indoor or sheltered environments. Recommended for thicker parts or reduced baking cycles.

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Coating of metal parts for use in indoor or sheltered environments. Suitable for achieving film thicknesses above 4 mils in a single cold application.

Coating of metal parts for industrial purposes in outdoor environments.

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Coating of metal parts for industrial purposes in outdoor environments.

Coating of metal parts for industrial and architectural purposes in outdoor environments. Suitable for obtaining layers above 100 microns in a single cold application. Recommended for thicker parts or reduced baking cycles.

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Coating of metal surfaces for use outdoors where extra durability against the weather effects is required.

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QUALICOAT-approved coating for metal parts intended for industrial and architectural applications in outdoor environments.

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**PROPERTIES**

The product should preferably be applied to abrasive blasted metal sheets, where it is easier to achieve the specified film thickness. Another factor that influences film thickness is the complexity of the part's geometry. As it is a technical application, the presence of surface imperfections such as pinholes and orange peel (or less distinct texture in textured coatings) may be found, without impairing the performance of the coating.

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Metallic coatings are sensitive to scratches and exhibit variable wear, depending on the usage of the parts. The metallic appearance may change in situations such as heavy handling, contact with chemicals (including some cleaning products), friction between parts or with abrasive objects. To protect the film from wear, we recommend the application of a uniform layer of glossy polyester powder varnish. Note that this procedure diminishes the metallic effect to a varying degree, depending on the level of metallization of the paint. For non-glossy finishes, it is recommended to previously test the use of varnishes with lower gloss. It is recommended to test the use of varnishes beforehand, and the varnish should be applied after the metallic paint has partially cured.

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Due to the technical characteristics of this product, properties such as gloss, roughness and texture may vary depending on the applied film thickness and application conditions, such as voltage, flow rate, spray gun distance and grounding.

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Pearlescent products have good chemical resistance but are susceptible to abrasion wear. To protect the film from wear, we recommend the application of a uniform layer of glossy polyester powder varnish. Please, note that this procedure diminishes the pearlescent effect to a varying degree, depending on the level of metallization of the paint. For non-glossy finishes, it is recommended to previously test the use of varnishes with lower gloss.

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The presence of spots is also admitted.

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The texture pattern is sensitive to temperature variations. It is recommended to bake in a preheated oven at the product baking temperature.

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This coating, when properly applied and cured is suitable for the use of adhesives and sealants. However, because of the different products on the market, it requires prior testing by the user in order to select the adhesive and / or sealant appropriate.

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1,75 g/cm<sup>3</sup>  
1,78 g/cm<sup>3</sup>  
1,78 g/cm<sup>3</sup>  
1,78 g/cm<sup>3</sup>  
1,79 g/cm<sup>3</sup>  
1,80 g/cm<sup>3</sup>  
1,80 g/cm<sup>3</sup>  
1,80 g/cm<sup>3</sup>  
1,80 g/cm<sup>3</sup>  
1,81 g/cm<sup>3</sup>  
1,82 g/cm<sup>3</sup>  
1,82 g/cm<sup>3</sup>  
1,85 g/cm<sup>3</sup>  
1,88 g/cm<sup>3</sup>  
1,89 g/cm<sup>3</sup>  
1.29 g/cm<sup>3</sup>  
1.29 g/cm<sup>3</sup>  
1.31 g/cm<sup>3</sup>  
1.31 g/cm<sup>3</sup>  
1.50 g/cm<sup>3</sup>  
1.54 g/cm<sup>3</sup>  
1.55 g/cm<sup>3</sup>  
1.56 g/cm<sup>3</sup>  
1.56 g/cm<sup>3</sup>  
1.56 g/cm<sup>3</sup>











































Non-ferrous: Chromatization or phosphatization  
Aluminum: Chromatization.  
Galvanized steel: Phosphatization.  
Aluminum: Nanoceramic  
Aluminum: Nanoceramic



























































































































Minimum 1/5 in (EN ISO 1520)  
 Minimum 1/5 in (EN ISO 1520)

**Indentation**

Minimum ZINDENTACAO\_BOLET\_TP\_03  
 (ZNORMA\_INDENTACAO\_BOLET\_TP\_04)  
 Minimum ZINDENTACAO\_BOLET\_TP\_03  
 (ZNORMA\_INDENTACAO\_BOLET\_TP\_04)

**Bend test**

No cracking or detachment  
 No cracking or detachment

**MEK Resistance**

60 SECONDS WITHOUT CHANGE

**NOTE:**

There may be variations in the tone, brightness and spread of the film around the pattern presented. The presence of spots and craters is also permitted. This product may present variations in mechanical resistance (impact, adhesion and flexibility) within the batch and between batches. Mixing between different batches of paint can generate incompatibility that can be seen as a haze (visual reduction in gloss). Technical Quality Complaints involving the characteristics described above will be considered unfounded and without compensation coverage. There may be variations in the tone, brightness and spread of the film around the pattern presented. The presence of spots





















Guidelines are available in the product's Safety Data Sheet (SDS)

Non-hazardous coating, no special transport required.  
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**NOTE**

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