TITAN ALUMINIUM HEAT-RESISTANT ENAMEL

Indoor - Outdoor - Metallic



Product Code: 007

Description

Enamel with exceptional resistance to high temperatures of 160-350 °C. Easy to spread and long lasting.

Fields of Application

For indoor and outdoor use. Special for metallic surface which are to be submitted to high temperatures, such as chimneys, stoves, boilers, heating elements, etc.

Technical Data

Product Type	Synthetic resin with laminar aluminium
Finish	Metallic
Colour (UNE EN ISO 11664-4)	Aluminium
Density (UNE EN ISO 2811-1)	1.02 - 1.06 Kg/l
Coverage	20 - 25 m2/l (15 - 20 μ)
Drying at 23ºC 60 % RH (UNE 48301)	2 - 4 hours
Methods of Application	Brush, Immersion and Spray-gun
Equipment Cleaning	TITAN Synthetics and Grease Thinner or White Spirit
Flash Point (UNE EN ISO 3679)	43 ºC
Volume Solids (UNE EN ISO 3233-3)	38 - 39 %
VOC (UNE EN ISO 11890-2)	2.004/42IIA (i) (600/500) Max. VOCs 500 g/l
Pack sizes	4 l, 750 ml, 375 ml, 125 ml and 50 ml.

Variations in temperature, humidity, thickness, tinting or surface type, etc. may lead to changes in drying, in coverage or in other properties.

Directions for use

GENERAL REMARKS:

Thoroughly stir the contents in the can. The surfaces to be painted have to be clean, dry, degreased and rust-free. To obtain a better finish, application by spray-gun is recommended.

The system dry film thickness has to be kept below 30 μ in high temperature working conditions.

For coating surfaces with temperatures below 160 °C outdoors, we recommend TITAN Aluminium Outdoor Enamel. For indoor decoration, such as heating radiators, we recommend Smooth Finish OXIRON (Silver colour).

When first putting the painted item into operation. This has to be done with a suitable ventilation and at maximum yield. Fume emissions can be noticed, depending on the time elapsed after application, the coat thickness and the temperature reached. The maximum coating performance is achieved after reaching 250°C.

The product can get greyish or lose gloss when it is submitted to high temperatures for a long time. However this will not affect its protective performance.

Once dry, TITAN Aluminium Heat-Resistant Enamel can stain when rubbed, in a higher or lower degree.

Once the surface is painted, 24 hours have to elapse before the painted object is submitted to high temperatures.

BARE SURFACES:

Remove any rest of dirt or grease and directly apply on the ferrous surfaces. No primer or second coat is needed.

MAINTENANCE OF PREVIOUSLY COATED SURFACES IN POOR CONDITION:

Remove the poorly adhered rust or previous coats by using thinner, stripper or mechanical cleaning methods, depending on requirements and proceed as for bare surfaces.

Precautions

Always read the pack label before use. For more information, please refer to the Safety Data Sheet.

Store in tightly closed containers protected from sources of heat and temperatures below 0°C. Shelf life: 36 months in original unopened packaging.

Waste management: Follow local legal regulations. Help to protect the environment, do not empty into drains, dispose of this material and its container at hazardous or special waste collection points. Calculate the amount of product you will need to avoid waste and extra costs. Collect the leftover material and keep it well stored for a new use.

Issue date: 2019-01

Any technical sheet is automatically cancelled by a subsequent sheet or five years after the issue date. We guarantee the quality of our products. However, we disclaim any liability in relation to factors other than the coating itself or in relation to an unsuitable use or application method. In case of doubt, please refer to our technical service before applying the products.





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