

HEAT-RESISTANT PAINT

Indoor - Outdoor. Matt



Product Code: S09

Description

Paint based on silicone resins. Touch dry in about one hour. It resists high temperatures (300 °C for White and Red - 600°C for Black and Aluminium). Nevertheless it only achieves its specific hardness, resistance and typical features only if it is submitted to 250°C at least for one hour.

Fields of Application

For the protection and decoration of items, pieces etc. of iron which are to be submitted to high temperatures. For instance, exhaust pipes, firewood stoves, salamander heaters, barbecues, boilers, extractor hoods, chimney, outlets of industrial collectors, etc.

Unsuitable for surfaces which are to get in touch with foodstuff.

Technical Data

Product Type	Silicone modified
Finish	Matt
Colour (UNE EN ISO 11664-4)	White, red, black and aluminium
Coverage	400 ml can: 1 m ²
Drying at 23°C 60 % RH (UNE 48301)	1 hour
Recoat time at 23°C 60% RH (UNE 48283)	Minimum: 1 hour at 250°C
Application Temperature, RH<80%	+10°C - +30°C
Pack sizes	400 ml and 200 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:

Shake the spray can for 1 minute while hearing the mixing balls. The surfaces to be painted have to be clean, dry and sound.

Apply by thin crossed coats from a distance of 25 to 30 cm.. Apply two thin coats instead of one thick coat. An improved protection and a smoother finish will be obtained.

If the whole surface of the items coated with this paint does not reach the polymerisation temperature (250°C) and these items are permanently submitted to different temperatures, they can show colour shade irregularities.

Directly apply on the ferrous surface. No primer is needed. The thickness of the system dry film has to keep below 40 microns if working at high temperatures. The first use of an item painted has to be done with good ventilation and at full performance. The fume amount emitted will depend on the thickness applied and the temperature reached. The best coating performance will be achieved at 250°C. Moreover, fume amount emitted will also depend on the time elapsed from application.

BARE SURFACES:

It is necessary to sand the surface and remove any rest of grease and dust. Apply the Heat-Resistant Paint by thin and crossed coats until covering the whole object to be painted. Better results will be obtained by discontinuously spraying.

MAINTENANCE OF PREVIOUSLY COATED SURFACES IN GOOD CONDITION:

If the surface is previously painted with Heat Resistant Paint and in good condition, lightly sand the whole item. Remove dust

and dirt and apply the Heat-Resistant Paint in the required shade. If the previous paint is unknown, it will have to be removed with TITAN Plus Paint Stripper and proceed as for bare surfaces.

MAINTENANCE OF PREVIOUSLY COATED SURFACES IN POOR CONDITION:

If the previous paint coats are in poor condition or show rust, dirt, etc., they will have to be removed, by water sanding with no. 180/200 paper. Once clean and dry, proceed as for new surfaces. In some cases, TITAN Paint Stripper will have to be used.

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.

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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.



Akzo Nobel Coatings, S.L.U – Carrer Feixa Llarga, 14-20 - Pol. Ind. Zona Franca 08040 Barcelona
(Espanya)
Teléfono 934 842 500
Ins. Reg. Mer. de Barcelona T. 47631, F- 95, H. nº B-45052, Inscrp. 210
N.I.F. B-08218158

