

ONE-COMPONENT 300°C HEAT-RESISTANT PRIMER

Model: A431

DESCRIPTION & APPLICATION.

CADIN A431 300°C Heat Resistant Primer is a 1-component paint, produced from special compounds and additives. Used to increase adhesion to external 300°C heat-resistant coatings on metals, high-temperature resistant concrete such as metallurgical furnaces, machinery equipment, block pipes.

CADIN 300°C Heat Resistant Primer is manufactured in accordance with TCCS 69:2021/CADIN base standard and is quality controlled in accordance with ISO 9001:2015 Management System

CHARACTERISTIC.

High adhesion

Hard, highly abrasion-resistant paint film

Heat resistant up to 300°C

SPECIFICATIONS.

Color:	Red, gray(with silver foil)
Solid Content	Min.50 %
Density	1.25± 0.05 g/ml
Theoretical norm	8 – 10m ² /kg/grade 30µm
Average norm	8m ² /kg/layer
Heat resistance	300°C
Coating Film Thickness	Wet Thickness: 60µm Dry thickness: 30µm
Drytime	Dry face: After 25 minutes.
Fully hardened:	After 60 minutes of calcination at 300°C
Next coating time	Minimum after 2 hours.
Solvent Dilution/Cleaning Agent	H101

Dilution Rate

5-10%

RECOMMENDED PAINT SYSTEM.

300°C CADIN Heat Resistant Primer 1 Layer

300°C CADIN 2-layer heat-resistant coating

USER MANUAL.

Surface preparation: The surface to be painted must be clean, dry, free from grease and impurities. Surface moisture below 6%

Construction:

Stir well, apply 1 layer of 300°C CADIN heat-resistant primer (paint film thickness less than 40 µm),

Allow the paint film to dry after 30 minutes, then put the equipment in the drying oven, heat it slowly to no more than 300°C for 60 minutes so that the paint film dries completely and hardens. For chimneys, kilns or large appliances that cannot be dried, after installing the equipment, slowly heat the equipment to a temperature of not more than 300°C for 1 hour to the paint film is completely dry.

TOOL.

Conventional spray guns.

Brushes and rollers can be used for small areas but must ensure the prescribed thickness.

PACKED.

The product is packaged in iron barrels :

20 Kg

5 Kg

Store in a cool, dry place. Avoid heat and fire.

NOTE.

Stir well before use

HEALTH & SAFETY.

Keep out of reach of children.

Ensure good ventilation when applying and waiting for drying. Avoid inhaling paint dust.

It is recommended to wear safety glasses when applying. In case the paint sticks to the eyes, wash with plenty of clean water and go to a medical facility immediately.

Do not pour paint into sewers or water sources

Shelf life: 6 months

Issue Date: 04/10/2021

This information sheet is issued by us and replaces the previously issued tables.