

Saratoga Fernovus Technical Data Sheet

6 GOOD REASONS TO CHOOSE SARATOGA FERNOVUS:



1. VARNISHES ON RUST



2. THE COLOUR YOU WANT



3. WITHOUT SANDPAPER



4. NO NEED TO USE ANTI-RUST



5. DOES NOT DRIP

Saratoga Fernovus is an innovative product: it is used as a unique product to protect metal and non-metal surfaces, both internal and external.

Saratoga Fernovus, thanks to its peculiar composition, is applied on degreased metal sheet or steel plate, even if rusted and wet. Its protective versatility is due to usage of non-pollutant active pigments (chromium and lead free), moistened and penetrating basic additives that develop corrosion inhibitor properties and facilitate compatibility of Saratoga Fernovus on wet surfaces. The inhibitor action to corrosion is due to an interaction between inhibitor pigments, resins and metal substratum: this mechanism stops the destructive process currently in act and intensifies the adhesion to the support itself. In this way you can have the chance of protecting metal surfaces without using preventive preparation treatments: total removal of rust and application of anti-rust or rust converter. The anti-corrosive protection has been evaluated according to ASTM D 2247/68 and B 117/73 rules. Even its use is innovative: thanks to its thixotropic structure (it is a gel), Saratoga Fernovus can be applied on vertical surfaces without drainings and drippings. The gel structure and the high content of solid materials confer to the product a high filling power.

Saratoga Fernovus can be applied on raw or varnished material, galvanized plate (only if very oxidized and degreased), concrete, wood.

Saratoga Fernovus is available in a wide range of hues: bright, satin, opaque, metallic, hammered and micaceous with antiquity effect (see hue on tin top).

Specific data			
Composition	Synthetic resins based with gel structure		
Type	Specific weight g/ml	Dry residue* %	Stormer viscosity* Krebs Units 20°C
Bright	1,05 - 1,15	65 - 68	120 - 140
Satin	1,05 - 1,15	66 - 68	120 - 140
Matte	1,05 - 1,15	67 - 70	120 - 140
Metallic	1,1 - 1,2	65 - 68	120 - 140
Hammered	0,95 - 1,05	59 - 61	80 - 90
Micaceous	1,3 - 1,4	67 - 70	120 - 140
Black high temperatures	1,05 - 1,15	48 - 50	85 - 95
Aluminium high temperatures	0,95 - 1,05	48 - 50	85 - 95
Special for heaters	1,2 - 1,3	48 - 50	85 - 95

*Data relating to product in tin

Strokeability	excellent
Enlargement	excellent
Flow	excellent
How to prepare support	
New surfaces	Surfaces to varnish again
- degrease	- remove all varnish that is detaching itself, remove peeling paint and crumbly rust
- apply Fernovus	- degrease

- apply Fernovus

Application	All kind of hues	Hammered
- Brush	ready to use	ready to use
- Roll	10% turpentine	ready to use
- Spray	10-15% turpentine	10% turpentine
Advices about use		
- Always blend before use - In internals, one coat - In externals, two full coats		Clean tools with turpentine
Tack free		4-6 hours
Second coat application		After 20 hours
Yield for coat:		
- on metal surfaces		12-16 m ² /l
- on porous surfaces (wood, concrete, cast iron)		10-12 m ² /l
Wet film thickness each coat		65-80 microns
Dry film thickness each coat		35-45 microns
Adhesion to DIN 53151/81 support		Incision with square link lattice: no detachment
ASTM G 23-69 quickened ageing resistance		Good after 500 hours

STORAGE AND SHELF LIFE

In well shut tins, between +20 and +25°C.

CAUTIONS

Keep out of the reach of children.

Consult Material Safety Data Sheet for full list of hazards and the directions on the product label itself.

For further information, please visit our site www.saratoga.it

Product Description	Pack size	Product code	Box quantity
Fernovus Different colours	750 ml	88 600 - - -	6



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