

Line: Primer products Category: 1k primers	Type: Nitrosynthetic primer (sufacer) Code: 1040.01
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 Name or commercial logo: **S800**

Nature: one-component chemical primer with a base of inert mineral fillers, nitrocellulose and additives, dispersed in solvent and acrylic resins.

Use: coating intended to be applied before the finishing coat to guarantee the adhesion of the finishing coat (Insulating), or, by reducing the percentage of dilution, to obtain an uniform surface, filling the small imperfections of the surface itself (Sufacer). Gifted of anticorrosion qualities, the product can be directly used on iron and steel sheets, and on cast iron sections. It can also be applied on surfaces previously handled with polyester fillers and primers and on UP-GF surfaces. If applied on old varnishes, be sure they are completely dried and they are not thermosetting acrylic natured.



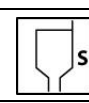


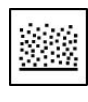



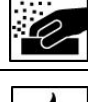
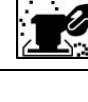



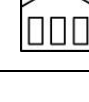
- Peculiarities:**
- the wide range of supports on which it can be applied, the excellent spreadability, the quick-drying and the easiness this product is destined at an unregulated use by Directive 2004/42/CE;
 - high covering capacity, excellent stretching, flexible sanding;
 - S800 is suitable for total painting and/or for full brush, for patches or retouches that, in the insulating type, can be also made with acrylic base both solvent and water;
 - quick drying on air or oven; the desiccation can be faster by exposing S800 at systems of quick drying or at IR rays.

Physical features


Aspect:	Dense liquid	Supply viscosity:	11 Pa*s (Brookfield: RV 4, rpm 5)
Color:	Grey	Dry residue (mix A+B):	56% (± 2%)
Odour:	Typical of solvent	Theoretical yield (mix A+B):	2,3 m ² /l for 100 µm (Insulating) 2,7 m ² /l for 100 µm (Sufacer)
Specific weight:	1,340 kg/l (± 0,030 kg/l)		

Directive 2004/42/CE: Product not intended for uses provided for by Dir. 2004/42/CE.

Applicative data

	If applied on bare metal, sand it with paper grain P 120; if applied on polyester fillers and primers, or on old varnishes, sand the support with grain paper P 320; if applied on new sheets, coat with medium Scotch-Brite. Then eliminate any trace of grease, oils, silicone, fingerprints, glues, detaching wax (over UP-GF) and dust by mean of an antisilicones thinner for washing (our type NOSIL SN/184).																
	Primer S800 Fog-proof nitro diluent	<table border="0"> <tr> <td style="text-align: center;"><u>Insulating</u></td> <td style="text-align: center;"><u>Sufacer</u></td> </tr> <tr> <td style="text-align: center;">100 v.p.</td> <td style="text-align: center;">20 v.p.</td> </tr> <tr> <td style="text-align: center;">40 v.p.</td> <td style="text-align: center;">20 v.p.</td> </tr> </table>	<u>Insulating</u>	<u>Sufacer</u>	100 v.p.	20 v.p.	40 v.p.	20 v.p.		Application viscosity. Ford Cup Ø 4 at 23 °C:	<table border="0"> <tr> <td style="text-align: center;"><u>Insulating</u></td> <td style="text-align: center;"><u>Sufacer</u></td> </tr> <tr> <td style="text-align: center;">18"</td> <td style="text-align: center;">30"</td> </tr> </table>	<u>Insulating</u>	<u>Sufacer</u>	18"	30"		
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	HVLP / LVLP:	<table border="0"> <tr> <td style="text-align: center;">1,6</td> <td style="text-align: center;">1,9</td> <td style="text-align: center;">2 bar</td> <td style="text-align: center;">2,5 bar</td> </tr> </table>	1,6	1,9	2 bar	2,5 bar		Time between coats:	<table border="0"> <tr> <td style="text-align: center;">5'</td> <td style="text-align: center;">8' - 10'</td> </tr> </table>	5'	8' - 10'						
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	Dust free at 23 °C	<table border="0"> <tr> <td style="text-align: center;"><u>Insulating</u></td> <td style="text-align: center;"><u>Sufacer</u></td> </tr> <tr> <td style="text-align: center;">6'</td> <td style="text-align: center;">8'</td> </tr> </table>	<u>Insulating</u>	<u>Sufacer</u>	6'	8'		Ready for sanding, according to the applied thickness	<table border="0"> <tr> <td style="text-align: center;"><u>Insulating</u></td> <td style="text-align: center;"><u>Sufacer</u></td> </tr> </table>	<u>Insulating</u>	<u>Sufacer</u>						
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				Air at 23 °C:	<table border="0"> <tr> <td style="text-align: center;">3h - 4h</td> <td style="text-align: center;">5h - 6h</td> </tr> </table>	3h - 4h	5h - 6h										
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				Oven at a 60 °C:	<table border="0"> <tr> <td style="text-align: center;">30' - 35'</td> <td style="text-align: center;">40' - 45'</td> </tr> </table>	30' - 35'	40' - 45'										
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	Ready for sanding, short waves:	<table border="0"> <tr> <td style="text-align: center;"><u>Insulating</u></td> <td style="text-align: center;"><u>Sufacer</u></td> </tr> <tr> <td style="text-align: center;">6' - 7'</td> <td style="text-align: center;">8' - 9'</td> </tr> </table>	<u>Insulating</u>	<u>Sufacer</u>	6' - 7'	8' - 9'		Total desiccation at 23°C:	<table border="0"> <tr> <td style="text-align: center;"><u>Insulating</u></td> <td style="text-align: center;"><u>Sufacer</u></td> </tr> <tr> <td style="text-align: center;">24h</td> <td style="text-align: center;">28h</td> </tr> </table>	<u>Insulating</u>	<u>Sufacer</u>	24h	28h				
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	Insulating and Sufacer Roughing out P 280 Border finishing P 400		Insulating and Sufacer Roughing out P 320 Border finishing P 500			Insulating and Sufacer Roughing out P 360 Border finishing P 600											
	The product is EASILY FLAMMABLE See p. 5 Safety Sheet				The product lifetime is 12 months from delivery date, if the product is stored in a dry place at temperature between 10 °C and 35 °C, in unopened original containers, according to general sales conditions.												

Warnings & Precautions

	<ul style="list-style-type: none"> - Read carefully the Safety Data Sheet before use; - Product specifically FOR PROFESSIONAL USE; - Do not apply the product on cold supports (< 10 °C), its sticking power and thixotropy would be compromised; - If applied on old varnishes, be sure they are completely dried and cracks free; - Avoid patching but apply at full brush. If polyacrylic bases or paints are present, only make retouches; - Do not apply on thickness over 150 µm which reduces to 100 µm when desiccation is made through IR rays, respecting times and distances provided by the supplier of the equipment.
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Consumer information:

The information here contained are based on our knowledge at the moment. We reserve the right to make changes in the characteristic data of the product in relation with technological progress or productive developments. Due to factors beyond our control in the applicative phase of the product, the information here contained are not a form of guarantee for specific qualities of the product itself, nor its suitability for a specific application. If a responsibility is determined, this will be limited to the value of the provided products used by the consumer. We guarantee however the constancy in the quality of our products. Our responsibility concerns only the area of the General Sales Conditions. This Technical Data Sheet supersedes all the previous.

