



TECNICAL DATA SHEET  
2BG4I  
ACRIVIV PRIMER SPECIAL INOX

Creation date 13/02/15  
Latest update 07/02/25  
Rev. 2

<b>GENERAL INFORMATIONS</b>		
Two-component anticorrosive primer with high technical characteristics, good elasticity, good sandability and very low flammability. The product, with excellent covering power, is suitable for direct painting of metal substrates such as light alloys, galvanised iron and stainless steel without the aid of any primer or abrasive surface treatment, of ferrous metal substrates and noble plastics after an adhesion test. It is used in combination with acrylic or polyurethane finishes. Also suitable for wet-on-wet cycles.		
<b>PHISICAL AND CHEMICAL CHARACTERISTICS</b>		
		NOTE
SPECIFIC WEIGHT	1.4 ± 0,1 Kg/L (A)	
VISCOSITY	R4 7300 CP a 20°C	Brookfield Method
SOLID CONTENT	70 ± 1% (by weight)	Theoretical
SPREAD REATING: (50 µm dry)	7 m <sup>2</sup> /Kg	Theoretical
CATALYSIS	25% with HDR2.003 (by weight) 35% with HDR2.003 (by volume)	
BINDER NATURE	Hydroxilated acrylic resins	

<b>TECHNOLOGICAL AND RESISTANCES CHARACTERISTICS</b>	
<i>RESISTANCES</i>	
ATMOSPHERIC AGENTS	Exellent
NORMAL INDUSTRIAL ENVIROMENTS	Really Good
HEAVY INDUSTRIAL ENVIROMENTS	Really Good
SEA ENVIROMENTS	Good
HIGH UMIDITY ENVIROMENTS	Exellent
ALTERANTE WATER IMMERTIONS	Good
CONTINUOUS WATER IMMERSION	Good
ORGANIC ACIDS	Really Good
INORGANIC ACIDS	Good
ALKALINE	Good
ALIFATIC	Really Good
AROMATIC	Good
ALCOHOLS	Good
ACID SALTS	Really Good
ALKALINE SALTS	Good
FATS AND OILS	Really Good
AROMATIC SOLVENTS	Good
ALIFATIC SOLVENTS	Really Good



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<b>CORROSION RESISTANCE (ASTM B 117)</b>	
<p>Dry film thickness: 75 microns - ageing 7 days at 25°C After 400 hours blistering absent, corrosion does not recede 2 mm from the etching. In combination with a subsequent coat of acriviv 70.100 and finishing enamel (acriviv 70.00 or vivpur), the cycle time exceeds 1000 hours of salt spray.</p>	
<b>APPLICATION</b>	
SPRAY	Dil. 10-20% TH4.1000 (NITRO THINNER). Pressure: 3 bar Ø nozzle: 1.8 mm
POT LIFE	4 Hours (high temperatures can also significantly reduce the time for use)
<b>HARDENING TIMES</b>	
DUST FREE	10-15 mins
TOUCH FREE	40 mins
DEEP HARDENING	24 hours
COMPLETE HARDENING	7 days
<p><i>Drying can also be carried out in an oven at 80°C max (40'), after a 20-minute flash-off at 20°C.</i></p>	

<b>OVERPAINTING</b>
Wet-on-wet or with itself or after 4-6 hours with other enamels.
<b>SURFACES PREPARATIONS</b>
<p>Degrease thoroughly in accordance with norm. SSPC-SP1 Ferrous surfaces with calamine and/or rust must be treated by commercial sandblasting SIS Sa2. Fresh galvanised surfaces before painting must be treated by brushing or acid washing in order to achieve sufficient porosity of the substrate. In order to achieve maximum adhesion, it is useful to apply the paint in a very thin layer (40-60 microns or the amount necessary to achieve coverage).</p>
<b>ENVIROMENTAL CONDITIONS</b>
<p>Particularly cold temperatures or environments with high relative humidity can slow down or change the characteristics of the system, which is affected during the painting phase by atmospheric conditions. We therefore recommend application and initial drying in environments with a temperature of more than 10-15 °C and a maximum relative humidity of 75 %. At temperatures above 25-30 °C, it is advisable to use a suitable retardant thinner or a larger quantity of the thinner usually used, in order to avoid the formation of dots and bubbles (pinpricks) on the paint film. Light rain, high humidity or the formation of condensation during the 16 hours following application (20°C) can irreversibly damage the film formation. The temperature must be at least 3 degrees above the dew point.</p>

# Vivcolor s.r.l.



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<b>TOOLS CLEANING</b>
Tools can be cleaned, by not polymerized product, easily with TH4.1000 (NITRO THINNER).
<b>STORAGE</b>
In a cool, dry place, protected from direct sunlight and in a well-sealed tin, ACRIVIV is stable for at least 18 months, CATALYST at least 6 months. Particular care must be taken when storing the CATALYZATOR which, being susceptible to reacting with atmospheric moisture, once opened must be consumed as quickly as possible and stored in a particularly dry environment.

The information given in this sheet and founded on our experience are not intended to be fully exhaustive. Whilst we endeavour to ensure that all advices we give about the product (whether in this sheet or otherwise) are correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product. It is supposed that every user liberally opts for the products described on this sheet, after verifying suitability according to its requirements. This product is intended for use only by professional applicators in industrial, according to the advices described on this sheet, the material safety data sheet and the packaging.