

# TEKNOLAC PRIMER HB 2043-01

## Primer

Air-drying thixotropic alkyd primer for steel. Good adhesion. Provides the efficient protection against corrosion when used in conjunction with an appropriate topcoat.

TEKNOLAC PRIMER HB 2043-01 is thixotropic. This provides a minimum risk of sagging if the coating is applied on vertical surfaces.



## TECHNICAL DATA

<b>Recommended substrate</b>	Steel		
<b>Solids</b>	Approx. 50% by volume		
<b>Total mass of solids</b>	Approx. 1240 g/l		
<b>Volatile organic compound (VOC)</b>	Approx. 448 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.		
<b>Theoretical spreading rate</b>	<b>Dry film (µm)</b>	<b>Wet film (µm)</b>	<b>Theoretical spreading rate (m<sup>2</sup>/l)</b>
	60	120	8.4
<b>Colours</b>	White, grey, oxide yellow, oxide red, pink, green, and black.		
<b>Gloss (60°)</b>	Matt		
<b>Thinner</b>	TEKNOSOLV 6120-00, TEKNOSOLV 6670-00.		
<b>Storage</b>	Most suitable storage temperature is +5°C - +25°C. Store in a tightly closed container.		

## DIRECTION FOR USE

<b>Surface preparation</b>	<p>Remove from the surfaces any contaminants that might be detrimental to surface preparation and application. Remove also water-soluble salts by using appropriate methods. The surfaces are prepared according to the different materials as follows:</p> <p>COLD-ROLLED SURFACES: Treat the surfaces with suitable Cleaning Agent.</p> <p>HOT-ROLLED SURFACES: Blast-clean to preparation grade Sa 2½ (ISO 8501-1).</p> <p>Prefabrication primer: KORRO PVB 3040 or KORRO AQUA 2740.                  Other types of prefabrication primers must be removed by shot or blast-cleaning.</p>
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<b>Application method</b>	Conventional spraying, Airless spraying
<b>Application</b>	May be used for electrostatic application.

Equipment	Thinner	Suggested viscosity DIN-cup 4 mm +20°C
Conventional spraying	TEKNOSOLV 6120-00 or TEKNOSOLV 6670-00	20-40 s
Airless spraying (nozzle: 0.013"-0.018")	TEKNOSOLV 6120-00 or TEKNOSOLV 6670-00	Undiluted or up to approx. 5% thinner

<b>Application conditions</b>	The surface to be treated must be dry. During the application and drying period the temperature of the ambient air, the surface and the product shall be above +5°C and the relative air humidity below 80%.
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<b>Drying time</b>	+23°C / 50% RH
<b>- dust free</b>	Approx. 20 min. (ISO 1517)

<b>- touch dry</b>	Approx. 1 h (ISO 3678)
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Surface temperature	by itself		With TEKNOLAC topcoat	
	min.	max.	min.	max.
+5°C	8 h	none	8 h	none
+23°C	1 h	none	3 h	none

<b>Cleaning</b>	TEKNOSOLV 6120-00
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## HEALTH AND SAFETY

<b>Safety and precaution measures</b>	See safety data sheet.
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**Teknos Group Oy Takkatie 3, P.O.Box 107 FI-00371 Helsinki, Finland Tel. +358 9 506 091**

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