BAREPIK 870 F.C.



Type of Product	Two-component anticorrosion primer based on epoxy polyamide resins
	Contains zinc phosphate
Recommended use	Anti-corrosion primer for protecting metal surfaces
Properties	Good anti-corrosion properties
	Chrome-free
	Can be used as an intermediate layer with epoxy systems or polyurethane
	Extraordinary adherence on different surfaces: steel, galvanised steel and alloys
Certificates	Meets UNE 48271:2003 resistance standards
	Certified rating according to UNE EN 13501-1. 2007 EUROCLASS: A2-S1-d0
Certificados	BAREPIK 870, INFORME DE ENSAYO, Imprimir INFORME 07331.tif _(7 páginas_)

Characteristics of supply

	Normativa	Specified
Colour	UNE EN ISO 3668	White and colours
Gloss(geometry 60º)	UNE EN ISO 2813	Matt (<10%)
Specific weight (Kg/L)	UNE EN ISO 2811-1	1.38 ± 0.03 (mixture)
Solids by weight in the mixture (%)	UNE EN ISO 3251	71% ± 3
Solids by volume in the mixture (%)	UNE 48090-82 (ISO 3233)	50% ± 3
Theoretical yield of the mixture (m²/l)		10 m²/l. (coat of 50 microns)

Application Instructions

Application equipment		Aerographic spray, airless spray gun, airmix, round brush and roller
Spray nozzle		The nozzle diameter and the spray fan angle will be selected on the basis of the piece to be coated
Hardener		K0703, K0866 o K0861
Mix proportion by weight		6/1
Mix proportion by volume		4/1
Mix shelf life	UNE EN ISO 9514	>8 hours
Viscosity of application (Ford 4)		Depending on equipment and application conditions
Application solvent		Reference: .9734 For high temperature applications, it is enough to dilute with the slow version (Ref. .9991
Recommended coat thickness		60-80 Micras per coat
Application on		Steel: normal environments: clean and free from grease. Mildly aggressive environments running Sa 2 1/2
% Solvent Aerographic application viscosity		Max. 15%
% Solvent airmix application viscosity		Max. 10% depending on nozzle
% Solvent airless application viscosity		Max. 5% depending on nozzle
Cleaning solvent		Reference: .9748
Aerographic spraygun application		Nozzle: 1.4-2.2 mm. Pressure: 3-5 BAR
Airmix spraygun application		Nozzle: 0.011-0.015 mm. Pressure: 60-80 BAR
Airless spraygun application		Nozzle: 0.015-0.021 mm. Pressure: 150-175 BAR

Drying / Polymerisation

Air drying (20ºC-60% R.H.)	UNE EN ISO 3678	(Touch) 1-2 hours

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Oven drying	Optional	20-30 minutes (60-80ºC)
Drying for physical tests		15 days
Drying for chemical tests		15 days
Repainting		A 20ºC: Minimum: 3-4 h. * (K0710). Minimum: 2-3 h. * (K0776). Maximum: no limit providing the surface is free from any contamination.
Touch dry		K0710: 10ºC: 5 h. 0 min. 20ºC: 2 h. 30 min. 35ºC: 1 h. 30 min. K0861 10ºC: 5 h. 0 min. 20ºC: 2 h. 30 min. 35ºC: 1 h. 0 min.
Hard dry		K0710: 10ºC: 24 h. 0 min. 20ºC: 16 h. 0 min. 35ºC: 8 h. 0 min. K0866 10ºC: 16 h. 0 min. 20ºC: 12 h. 0 min. 35ºC: 5 h. 0 min.
Total dry		15 days

Physical Chemical Resistance

Test tubes		Carbon-shot steel at Sa 2 1/2
Dry film thickness	UNE-EN ISO 2808	55-65 micras
Persoz hardness	UNE-EN ISO 1522	>165 seconds
Adherence	UNE-EN ISO 2409	100%. (Gt0)
Traction adherence	UNE EN ISO 4624	> 4 MPa
Saline mist chamber	UNE-EN ISO 9227	> 500 hours

Remarks

See general conditions
Apply the product when use and curing is at temperatures over 10ºC. At the same time the paint temperature must also be over the limit value
It is important to ventilate well during application on closed surfaces and subsequent polymerisation
Do not store opened or started containers.
For toxicological standards, consult FICHA DE SEGURIDAD.
Apply with good air renewal.
Shake contents of containers before use.

This sheet has been created with informational purposes only and does not replace expert advice. The information provided reflects our current knowledge and have been obtained from our own experience, but under no circumstance do they entail any warranty whatsoever from our part. For this reason, we cannot accept any undesired consequence deriving from its use. 03-05-2024 This sheet replaces all previous versions.

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