PROTEK PRIMER 8535 ESTRUCTURAS

SALES FORMAT

COLOURS: 15L

DESCRIPTION

An anti-corrosion primer suitable for protecting iron and steel surfaces in general, formulated with synthetic resins and anti-corrosion pigments. It dries very quickly and is extremely easy to apply.

SCOPE OF APPLICATION

Indoor/Outdoors

Protection for enamelling

Iron and Steel

PROPERTIES

- High elasticity, does not crack
- Does not cause blistering
- Can be repainted without sanding
- Cost-effective maintenance
- Odourless once dry

TECHNICAL DATA

Chemical composition	Synthetic resins	
Colour	White, Black, Red and Grey	
Finish	Semi matte	
Gloss 60°	4–6	UNE-EN ISO 2813
Gloss 85°	11–15	UNE - EN ISO 2813
Density	1.51 ± 0.06 g/ml depending on colour	UNE-EN ISO 2811-1
Viscosity	90 ± 10 KU	UNE 48076
Volume solids	59–63%	UNE-EN ISO 23811
VOC	< 500 g/L. Maximum value permitted by the EU: 500 g/L	2004/42/II Category (i)
Theoretical coverage	8–10 m²/L (70 dry microns)	
Drying times	Touch-dry: 15–30 mins | Tack-free: 40–60 mins | Fully dry: 3 hours	
Recoating interval	24 h	
Dilution	5–15% depending on the application method	
Diluents	DISOL. UNIVERSAL 302 / DISOL. SYNTHETICS 345	
Cleaning	UNIVERSAL SOLVENT 302	

The technical data specified may vary if the material is tinted.

PREPARATION OF THE SUBSTRATE

GENERAL INFORMATION

Outdoors, do not apply if rain is forecast, in direct midday sun or on damp days.

UNPAINTED OR NEW SURFACES

Surfaces must be dry and free from grease, dust, rust, etc. It is recommended to prepare surfaces by sandblasting to Sa 2 1/2. Where requirements are less stringent, manual or mechanical preparation to St 3 may be used, provided this is carried out indoors with no risk of condensation. Apply one or two coats of PRIMER 8535 ESTRUCTURAS.

ALREADY PAINTED SURFACES

Remove rusted areas and poorly adhered paint using mechanical methods, scrapers or wire brushes. Clean off dust, grease and dirt. Check adhesion to the previous coat and, in the event of insufficient adhesion, proceed as described for new surfaces.

APPLICATION CONDITIONS

Substrate temperature	Min. + 5°C / Max. + 35°C
Ambient temperature	5°C / 35°C
Dew Point	The substrate temperature must be at least 3°C above the dew point to reduce the risk of peeling or efflorescence.

APPLICATION SYSTEM

System	Product	Yield	Dilution	Coats
PRIMING	PRIMER 8535 STRUCTURES	8–10 m²/L per coat	5–15% ACCORDING TO THE DTE SINTETICOS 345 OR DTE UNIVERSAL 302 SYSTEM	1 or 2
FINISH	QUICK-DRYING 8355	11–13 m²/L per coat	5–20% ACCORDING TO THE DTE UNIVERSAL 302 / DTE SYNTHETICS 345 SYSTEM	1 or 2

APPLICATION RECOMMENDATIONS

Product preparation:

Shake until the product is thoroughly homogenised. Shake again periodically. Adjust the viscosity. During lengthy processes, evaporation will occur; readjust the viscosity. If the solvent is excessively potent, it may be advisable to reduce its proportion.

Application method:

Can be applied by roller or spray gun. It can be applied using a short-pile roller, achieving the correct film thickness with two cross-coats and a 10% dilution. When spraying with an airbrush, use a pressure of 3–5 bar and nozzles of 1.5 to 2 mm, with a dilution of 10–15 per cent; apply two cross-coats. For airless equipment, the gun outlet pressure should be 150 bar with 0.3–0.4 mm nozzles, a dilution of 5–10 per cent, and an application angle of 75–80 degrees. Apply two cross-coats. The second coat of product must always be applied at right angles to the first to achieve optimum opacity.

ADDITIONAL INFORMATION

Health and safety	For any information regarding safety issues relating to the use, storage, transport and disposal of waste from this product, users should consult the labelling and the latest version of the Safety Data Sheet, which contains physical, ecological and toxicological data, as well as other relevant information on this subject. WASTE: HAZARDOUS. LER CODE: 080111
Storage	The product will remain stable in its original, unopened packaging at ambient temperatures not exceeding 30°C or falling below 5°C for 12 months from the date of manufacture. The product must be stored in a cool, dry place, in its original, tightly sealed, undamaged packaging, protected from frost and direct sunlight.
Tariff heading	TARIC code: 3208 90 91
Note	The technical information contained in this document is provided in good faith, based on laboratory tests and practical experience under normal conditions. However, the data may vary, particularly when the material is tinted or when using intense colours, in which case parameters such as density or solids by volume may be affected without compromising the product's performance. Users are advised to verify the suitability of the product for their specific application and to request the relevant colour safety data sheet from their distributor for reference.