



Ancorro VE For Corrosion Prevention & Sealing

ANCORRO VE Paste

PDS

Description

ANCORRO VE Paste is a non-crystalline corrosion prevention and sealing moulding polymer, applied as part of a corrosion prevention system to fill voids, and to smooth irregularities in non-uniform structures.

ANCORRO VE Paste does not cure and offers low permeability to water and gases/vapours.

ANCORRO VE Paste is stress free, maintaining flexibility and is fully compatible with cathodic protection systems.

Applications include irregular surfaces, pipe fittings, flanges, valves, nuts and bolts. All moulding applications

Features & Benefits

- * Complies to ISO 21809-3
- * Minimum St 2 surface preparation (by hand tool)
- * Can be used to fill irregular shaped objects.
- * Resistant to salts, acids & alkalis
- * Excellent adhesion to PP, PE, FBE, concrete, glass and steel
- * No primer is required
- * Self-heals pinholes and small dents
- * Non-toxic to the environment, safe to handle

Application Notes

- * The surface should be clean and dry, free from oil, grease and loose dust. All mill scale is to be removed.
- * Recommended application temperature of between +5°C and +45°C.
- * Surface temperature to be 3°C above dew point.
- * Surface preparation to minimum St 2 / SSPC SP 2. A roughness profile is not required.
- * Degrease with Isopropanol or MEK/ACETONE. Do NOT use thinners.

General Installation

- * Remove ANCORRO Paste from packaging and with clean hands, mould into the desired shape and size.
- * Press and apply the material to fill and contour to the surface profile.
- * Proceed to complete the repair and apply mechanical protection.

Mechanical Protection

- * Required for circumferential compression, apply either polymeric tape or heat shrink sleeve.
- * Additional mechanical protection is recommended when lifting or moving pipes or fittings, or when subject to direct load or sharp objects. If damage occurs, re-apply VE Paste and fill in voids, then reapply mechanical protection.

Inspection

- * The surface should be smooth, tight, and contoured to follow the shape of the surface.
- * There should be no air pockets, wrinkles or stretch marks.
- * If required, inspect with a holiday detection test (5kV/mm + 5kV) before applying mechanical protection.

Handling & Storage

- * Keep boxes upright and out of direct sunlight.
- * Store indoors in a dry environment at temperatures less than 40°C.
- * ANCORRO VE Paste does not have a shelf life.

Technical Properties

Color	light blue	NA
Density	1.4 to 1.6g/cm ³	ISO 1183-1:2012 Method B
Temperature Range	-45°C to +70°C	NA
Drip Resistance (T _{max} + 20°C)	no dripping (48hours)	ISO 21809-3:2016 Annex K
Glass Transition Temperature	≤ -65°C	ISO 11357-2
Crystallization Temperature	no crystallization	ISO 11357-3
Holiday Detection	5 kV/mm + 5 kV - no holiday	ISO 21809-3:2016 Annex C
Lap Shear Resistance	23°C ≥ 0.03N/mm ² , coverage ≥ 95%	ISO 21809-3:2016 Annex J
	T _{max} ≥ 0.003N/mm ² , coverage ≥ 95%	
Specific Electrical Insulation Resistance	≥ 10 ¹⁰ Ω·m ² (23°C)	ISO 21809-3:2016 Annex F
10% NaOH resistance (23°C for 90 days)	no corrosion detected	ISO 175:2010
3% NaCl resistance (23°C for 90 days)	no corrosion detected	ISO 175:2010

Order Information

Article No.	Dimensions	Box Packaging
1511	2kg per piece	6 pieces per carton

Ancorro Co., Ltd.

No.117, South 3rd Road, Eco-Tech Development Zone, Longquanyi District, Chengdu, Sichuan, China

Website: www.ancorro.com

Email: info@ancorro.com

Tel: +86 28 6985 9217