

ANTICORRay REP

CORROSION PROTECTION MATERIALS

APPEARANCE



PRODUCT DESCRIPTION

Carrier:

- Cross-linked high density polyethylene (HDPE), featuring high mechanical strength.

Glue:

- Heat-activated copolymer, resistant to shearing stresses.

Colour:

- Black.

ANTICORRay REP

Repair patch.

PURPOSE

- For reconstruction of damaged insulation along buried and above-ground steel pipelines.

FEATURES AND ADVANTAGES

- Is characterised by its adherence to PE, PP, FBE and epoxy at a continuous working temperature till 80°C.
- Very strong adhesion to steel, epoxy primer and to the damage filling material ANTICORRay Melt Stick.
- High resistance to mechanical damage (impacts, pressure).
- Very resistant to shear forces occurring in the ground.

APPLICATION

- Sequence of application according to the instruction entitled to ANTICORRay REP application technology.

STORAGE

- To ensure the maximum product performance, store products in a dry, ventilated area in original packaging away from direct sunlight.
- Protect the products in original packaging against mechanical damage.
- The recommended storage temperature: $-5 \div 40^{\circ}\text{C}$.

TECHNICAL DATA

Parameter	Test method	Value
Tensile strength	ASTM D638	65 N/cm at 23°C
Elongation to break	ASTM D638	530%
Resistivity	ASTM D257	$1 \times 10^{16} \Omega\text{cm}$
Dielectric strength	ASTM D149	20kV/mm
Water absorption	ASTM D570	0.05% (wt.)
Softening point	ASTM E28	$> 110^{\circ}\text{C}$
Peel test	EN 12 068	$> 50 \text{ N/cm}$
Shear strength	EN 12 068	100 N/cm^2
Impact resistance	EN 12 068	$> 15 \text{ J}$
Penetration resistance	EN 12 068	$> 0.6\text{mm}$
Cathodic disbondment (CD) for 30 days	ASTM G42	$< 20\text{mm}$
Breakdown voltage	ASTM D149	$> 30\text{kV}$

The system complies with EN 12068 standard (DIN 30 672 – 2000) in class C HT60 (high temperature).

ANTICOR Sp. z o.o. holds the ISO 9001 certificate.