



ANTICORWrap B-30

COATING DESCRIPTION

ANTICORWrap B-30 is a multilayer coating. The letter B means a mechanical resistance class, according to EN12068 and DIN 30672 (2004). The number 30 indicates that the temperature of continuous working operation of this coating should not exceed 30°C.

Coating designation according to EN 12068 - B30

The ANTICORWrap B30 system is used mainly for the insulation of transmission steel pipelines (straight and arched sections of pipelines, fitting), tanks and other cylindrical objects.

COATING STRUCTURE

Type of coating	Primer filler	Basic corrosion protection layer, overlap
ANTICORWrap B30	ANTICORWrap Primer 727	ANTICORWrap 755-20, 2x50%
ANTICORWrap B30	ANTICORWrap Primer 729	ANTICORWrap 762-60, 1x50%

COATING PROPERTIES

General parameters	Units	Values		Test method
		Monotape system 755-20	Monotape system 762-60	
Total thickness	mm	2.16	3.20	ASTM D 1000
Adhesion to primered steel	N/mm	≥ 1.2	≥ 1.8	ASTM D 1000
Cathodic disbondment	mm	≤ 12.7	≤ 17.3	EN12068
Unit resistivity	Ωm ²	≥ 1.3 x 10 ¹¹	≥ 9.5 x 10 ⁹	ASTM D 257
Impact resistance	J	≥ 8	≥ 8	ASTM G14

USAGE

Apply the tape spirally in individual layers manually or mechanically (e.g. using the OWR-2 wrapping machine) with preload (tension) that causes the tape to decrease its width by 1-2%. Apply the corrosion protection tape (ANTICORWrap 755-20 / ANTICORWrap 762-60) with the black inner layer on a surface prepared to the grade of cleanliness according to Sa 2 ½ (allowed St 3), dry and degreased covered with the ANTICORWrap Primer 727 / ANTICORWrap Primer 729, finished to dust-free condition. Temperature of the insulated surface should be at least 3°C higher than the dew point.

The primer must be thoroughly mixed before using. NOTE! This material is flammable! When applying indoors, ensure efficient ventilation.

Before application condition the tape at 10 ÷ 25°C.

When applied, the coating should be smooth with no wrinkles or air bubbles. Overlaps should be equal.

Approximately an hour after applying the coating, a pressed out, adhesive layer (the adhesive) should be visible at the edges of the mechanical protection tape, as a result of proper tension.

To cover sharp objects (T-connectors, valves etc) or to fill cavities of the coating (e.g. when repairing), always use the plastic filling mass ANTICORWrap Mastic 710 / BUTYLMASTIK, provided in cubes (briquettes) of 1 kg.

To soften the bulge of the weld face, use the above mentioned mass in the form of 3 mm thick and 60 mm wide tape.

Apply ANTICORWrap Mastic 710 / BUTYLMASTIK to a surface protected with primer.

Check tightness of coating using a holiday detector with test voltage 5kV/mm of the coating thickness, however not higher than 15kV (EN 12068).

COATING CONSUMPTION & SIZE AVAILABLE

Tape	Dimensions (width, mm/length, m)	Tape surface in the roll, m ²	Tape wear (consumption) per 1m ² of the insulated surface
ANTICORWrap 755-20	50 x 30	1.50	4m ²
	100 x 30	3.00	4m ²
ANTICORWrap 762-60	50 x 10	0,50	2 m ²
	100 x 10	1,00	2 m ²
	150 x 10	1,50	2 m ²

Primer consumption: 0.1 litre per 1m² of the protected surface. The primer is provided in 1-litre cans.

Tapes 100 mm width should be applied by hand wrapping machines OWR-2.

The diameter of a standard roll core is 76mm.

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ANTICORWrap corrosion protection coatings