



ANTICORWrap C30

COATING DESCRIPTION

ANTICORWrap C30 is a multilayer coating. The letter C means a mechanical resistance class, according to EN12068. 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 - C30

The ANTICORWrap C30 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 C30 | ANTICORWrap Primer 729 | ANTICORWrap 762-60, 2x50% (4 layers) |

COATING PROPERTIES

| General parameters | Units | Values | | Test method |
|--------------------------|-----------------|-------------------------|--|-------------|
| | | Monotape system 762-60 | | |
| Total thickness | mm | 6.40 | | - |
| Adhesion to primed steel | N/mm | ≥ 1.8 | | EN12068 |
| Cathodic disbondment | mm | ≤ 17.3 | | EN12068 |
| Unit resistivity | Ωm ² | ≥ 6.3 x 10 ⁹ | | EN12068 |
| Impact resistance | J | ≥ 15 | | EN12068 |

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 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 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 COMSUMPTION & 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 762-60 | 50 x 10 | 0,50 | 4 m ² |
| | 100 x 10 | 1,00 | 4 m ² |
| | 150 x 10 | 1,50 | 4 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.