

CONTEC® Waterstop RX 101

Bentonite Swelling Tape



Features & Benefits

- Approved according to general building inspection certificate (abP) up to 20 m (2.0 bar) water column
- Active sealing effect
- Suitable for alternating water zones
- Easy installation

Waterstop RX® - bentonite tapes used for sealing horizontal and vertical construction joints in structures. Under influence of water active bentonite swells and fills spaces in concrete.

Tape Type

RX 101 - simple tape 20mm x 25mm x 5m (30M/CTN)

DYWIDAG CONTEC® Waterstop RX 101 Technical Specification

COLOR	Black with yellow stripe
SPECIFIC GRAVITY	1.40 ± 5
HYDROCARBON CONTENT	47% minimum
VOLATILE MATTER	1% maximum
PENETRATION, CONE 25°C, 150 GM. 5 SEC.	43-46 dmm
APPLICATION TEMPERATURE RANGE	-22°C to 52°C
SERVICE TEMPERATURE RANGE	-34°C to 82°C
MAXIMUM SWELLING	Freshwater - 250% Saltwater (3%) - 35%
HYDROSTATIC PRESSURE RESISTANCE	30 psi (2 bars)
IMMERSION TESTING (FRESHWATER)	24 Hours: 60% Expansion 72 Hours: 100% Expansion 7 Days: 150% Expansion 14 Days: 175% Expansion 21 Days: 220% Expansion 30 Days: 225% Expansion

Installation Instructions

General recommendations:

- During the installation observe the compulsory security standards - wear protective gloves and work clothes with long sleeves.
- Protect against moisture, mechanical damage and adverse chemical factors.

STEP 1:

Preparation of the ground - should be cleaned, dry and flat area if possible.

STEP 2:

Apply Waterstop RX within min. 8 cm of concrete cover and remove spacer paper

STEP 3:

Fix Waterstop RX to concrete using Revofix mesh and nails or glue providing good adhesion to the concrete.

STEP 4:

Concreting of wall.

The recommendations relating to the application and end-use of our products are based on our current knowledge and experience of the products when properly stored, handled and applied under normal conditions. No warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any other advice offered. The user shall rely on his or her own information and tests to determine suitability of the product for the intended use. We reserve the right to update information due to technical progress.
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