

CONTEC® Waterstop RX 103

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
- Rapid swelling time

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 103 - simple tape 10mm x 15mm x 6.08m (8 ROLLS/CTN)

DYWIDAG CONTEC® Waterstop RX 103 Technical Specification

COLOR	Black
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 - 210% Saltwater (3%) - 18%
HYDROSTATIC PRESSURE RESISTANCE	30 psi (2 bars)
IMMERSION TESTING (FRESHWATER)	24 Hours: 140% Expansion 48 Hours: 175% Expansion 72 Hours: 190% Expansion 120 Hours: 210% 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 103 within min. 8 cm of concrete cover and remove spacer paper

STEP 3:

Fix Waterstop RX 103 to concrete using Revofix mesh and nails or glue providing good adhesion to the concrete.

STEP 4:

Concreting of wall.