

INSTALLATION GUIDE

SEALING TAPES

HyDratec

SPECIALIST IN CONCRETE ACCESSORIES

VER: 1.1 DATE: APR 2026 SIDE: 1/2

This installation guide applies to the following sealing tapes:

1112301 Sealing Tape HyDra Flex FR

1112302 Sealing Tape HyDra Flex

1112304 Sealing Tape HyDra CS-102

1112305 Sealing Tape HyDra Flex XL



Sealing HyDra Flex FR



Sealing HyDra Flex



Sealing Tape HyDra CS-102



Sealing Tape HyDra Flex XL

ACCESSORIES



HyDra Flex Primer



Dana Turbo Tack 291



Cool Tack 286
Cures in
temperatures down
to -15°C



FlexproofX®



Swelling Paste HyDra SX100

We reserve the right for possible misprints or errors. For questions or special requirements, please contact us.
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VER: 1.1 DATE: APR SIDE: 2/2

INSTALLATION GUIDELINES

Preparation of the substrate:

The substrate must be clean and free from dust, loose particles, concrete residue, etc. Cracks or voids larger than 15 mm must be repaired with FlexproofX 1 or Swellpaste SX100 before installation. The surface where the sealing tape will be placed should have a temperature between +5°C and +40°C. During winter conditions, it is recommended to preheat the surface with a hot air gun to improve adhesion to the substrate.

Placement:

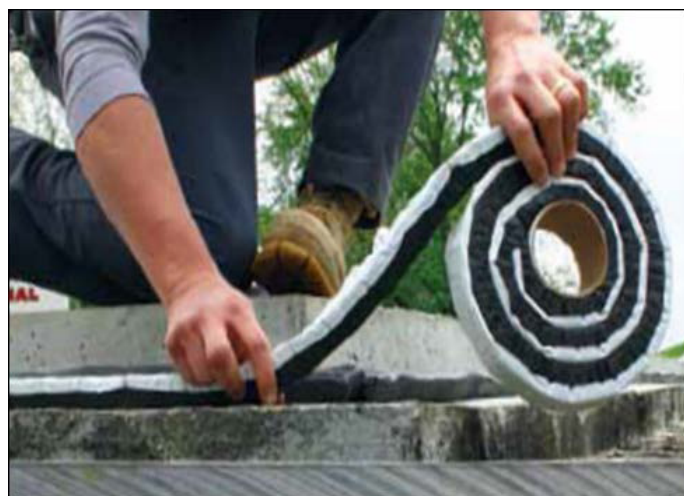
The sealing tape must be positioned so that it is completely covered by concrete during casting. Keep the protective film or strip on the tape until just before embedding to prevent dust, dirt, or other particles from adhering to the surface and reducing adhesion.

Jointing:

Joints are made by kneading the ends together to form a homogeneous, continuous connection.

Inspection:

Always ensure that the sealing tape is securely fixed before casting so that it cannot move or be lifted out of position during concreting. Also check that the tape is intact during installation, and avoid pulling or stretching it, as this may cause elongation and affect performance.



INSTALLATION METHODS

Installation in fresh concrete:

The sealing tapes can be installed in fresh concrete, push the sealing tape down to half its height into the concrete.

Installation on hardened concrete:

The sealing tapes can be installed on hardened concrete using HyDra Flex Primer, Dana Turbo Tack 291, or Cool Tack 286 for installation in colder conditions.

Installation with HyDra Flex Primer:

When installing with HyDra Flex Primer, the substrate must be cleaned according to the previous instructions. The primer can be applied to the surface using a brush or roller. After application, wait until the primer has dried and become tacky before pressing the sealing tape into place on the primed surface.

Drying time at +25°C: approx. 10 minutes

Drying time at +4°C: approx. 60 minutes

Consumption: One 3.8 L container covers approximately 50 m of sealing tape

Installation with Dana Turbo Tack / Cool Tack:

Apply a continuous bead of Turbo Tack or Cool Tack where the sealing tape will be installed. Press the tape firmly and evenly along the entire length within 5–10 minutes (2–5 minutes for Cool Tack) after the adhesive has been applied to the substrate.

Curing time: The adhesive cures approximately 2 mm per day, depending on humidity and temperature.

Consumption: One 290 ml cartridge covers approximately 2–3 m².

Installation in Prefab-concrete

The same installation methods that apply to cast-in-place concrete also apply to precast concrete.

Sealing in precast applications is based on pressure being applied to the strip between two concrete elements so that it is compressed. The sealing strip must be compressed by at least 50%. Best sealing performance is achieved when the compression exceeds 50%.

It takes approximately 15–20 minutes for the sealing strip to reach the required compression. This may vary depending on the ambient temperature and the weight of the concrete element placed/mounted on top of the strip.

Note: the sealing strip must not be mechanically fixed.