

DESCRIPTION

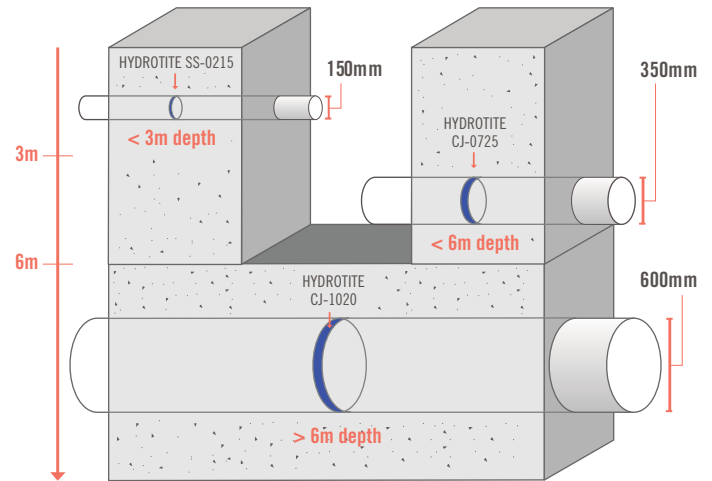
Hydrotite is a high-performance waterstop used for pipe penetrations in concrete construction or retrofit projects. The flexible rubber properties of Hydrotite provide an easy to handle waterstop material for pipe penetrations. The hydrophilic properties allow Hydrotite waterstops to expand when exposed to water and provide a permanent compression seal around the pipe penetration.

PRODUCT SELECTION

Hydrotite profile selection depends on the pipe diameter and installation depth below ground surface.

Recommended Hydrotite profiles are:

- Small diameter of <150 mm pipe, up to 3 m depth; use SS-0215
- Medium diameter of ~350 mm pipe, up to 6 m depth; use CJ-0725
- Large diameter < 600 mm pipe, up to 6 m depth use CJ-1020



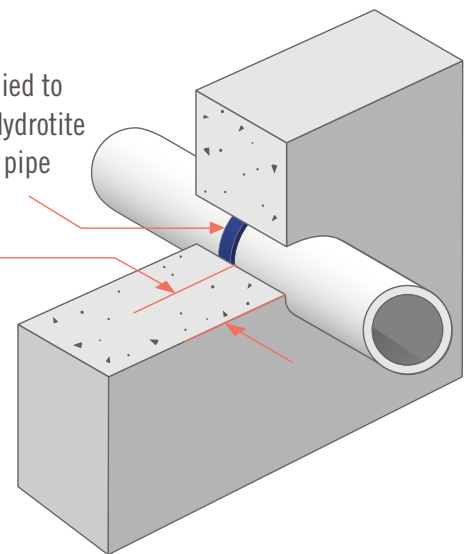
Hydrotite profile selection depends on the pipe diameter and installation depth.

INSTALLATION GUIDE FOR NEW CONSTRUCTION (NEW WALL TO NEW PIPE):

1. Select the appropriate Hydrotite profile based on pipe diameter and installation depth.
2. Clean pipe surface at mid-point of concrete wall penetration prior to installation of Hydrotite waterstop; use Leakmaster adhesive to fill any rough or irregular surfaces at locations where Hydrotite is to be installed.
3. Use a sharp knife to cut Hydrotite to a length slightly less than the circumference of the pipe to provide an elastic seal after the installation has been completed.
4. Wrap Hydrotite around the pipe, apply cyanoacrylate adhesive (quick-curing Super Glue) to the butt ends, join together and hold until the adhesive cures.
5. Slide the pipe with Hydrotite into position at mid-point of concrete wall (at least 50 mm of concrete cover).

Leakmaster is applied to concrete surface, Hydrotite is wrapped around pipe

50mm minimum



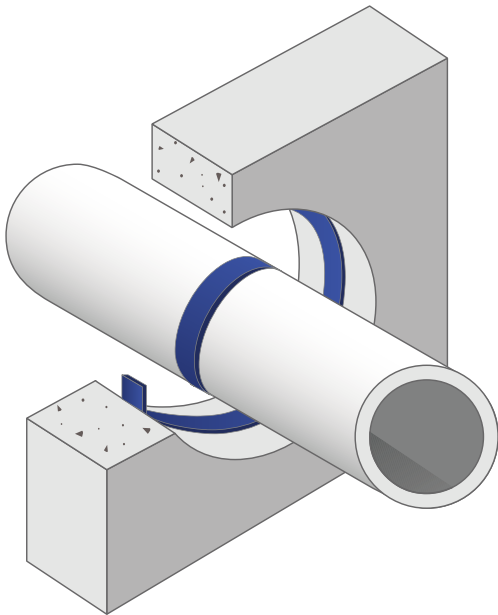
For new construction, wrap Hydrotite around the pipe and apply Leakmaster to concrete surface before the pipe is put into position.



INSTALLATION GUIDE FOR RETROFIT CONSTRUCTION (EXISTING WALL TO NEW PIPE):

1. Apply Hydrotite to pipe as described on page 1.
2. Clean concrete surface at mid-point of concrete wall penetration prior to installation of Hydrotite; install a continuous bead of Leakmaster adhesive around the perimeter of the concrete opening to fill any rough or irregular surfaces at location where Hydrotite waterstop is to be installed.
3. Use a sharp knife to cut Hydrotite waterstop to a length slightly longer than the perimeter of the concrete opening to provide a compression seal after the installation has been completed; use Leakmaster adhesive to join the butt ends of the Hydrotite waterstop; allow sufficient time for curing of Leakmaster sealant before pouring concrete to fill wall cavity.

Take adequate measures after Hydrotite installation to prevent exposure to rain water or ground water prior to concrete placement.



For retrofit construction, wrap Hydrotite around the pipe and around the interior surface of concrete opening before the pipe is put into position.

IMPORTANT PRECAUTIONS

- Concrete cracking, caused by the expansion pressure of Hydrotite, can be avoided by maintaining a 50 mm minimum concrete coverage. Increase cover dimension if lightweight or low strength concrete (>25 mPa compressive strength) is used. Use appropriate concrete placement techniques to provide proper concrete consolidation.
- Store Hydrotite in a cool, dark and dry place.
- Do not expose to moisture prior to installation or Hydrotite may expand prematurely.
- Take adequate measures after Hydrotite installation to prevent exposure to rain water or ground water prior to concrete placement.

RELATED PRODUCTS

- CJ-0725
- CJ-1020
- CJ-2020
- CJ-3030
- SS-0215
- Leakmaster

RELATED LITERATURE

- Product Data Sheets
- Hydrotite Properties
- Project Summaries
- Profile List
- MSDS

