

FWT[™]

Flexible Waterproofing Tape



Building
&
Transportation



Oil, Gas
&
Industrial



Offshore
&
Onshore



Water
&
Wastewater



PRODUCT DESCRIPTION

CTech-LLC[®] FWT[™] flexible waterproofing tape is a sealing tape based on polyvinyl chloride plastic (PVC) with advanced adhesion properties. The product is part of the CTech-LLC[®] JointFlex[™] System. With advanced adhesion properties, the FWT[™] flexible waterproofing tape is ideal for sealing and waterproofing construction joints, movement or expansion joints, connection joints subject to irregular and high movements.

ADVANTAGES

- Highly flexible and deformable - joint bridging ability
- Easy to install, cost effective joint waterproofing solution
- High watertightness.
- Suitable for use in interior or exterior applications
- Performs well within a wide range of temperatures
- Can be used in contact with potable/drinking water
- Good chemical resistance
- Resistance to ageing.

TECHNICAL DATA (DRY FIBER)

	Unit	FWT [™]
Color	-	Light Grey
Material Base	-	polyvinyl chloride plastic (PVC)
Tensile Strength* EN 12311-2	MPa	> 12
Elongation	%	650
Shore D Hardness DIN 53505		35
Tear Strength	N/mm	> 50
Watertightness	bar / 72	6 bar / 72h
Width	cm	10,15,20,25,30,40,50,100,200
Role Length	m	25
Thickness	mm	1 - 2
Service Temperature	°C	-10 to +40

TYPICAL USES

CTech-LLC[®] FWT[™] flexible waterproofing tape may be used wherever water and moisture penetrates through structural elements and

sealing all types of joints, such as:

- Storage tanks
- Swimming pools
- Sewage treatment plants
- Drinking water reservoirs
- Structural elements in contact with the ground
- Basements and underground garages
- Drains and depuration plants
- Mines and tunnels
- Power stations
- Roofs and façades

INSTALLATION PROCEDURE

This section outlines the procedure to install CTech-LLC[®] FWT[™] flexible waterproofing tape as part of the CTech-LLC[®] JointFlex[™] System.

PREPARATION OF SUBSTRATE

- All the surfaces must be cleaned from dirt, grime, dust, curing compounds, oils, grease, waxes and all the other contaminated materials.
- Repair mortar must be used to repair all the eroded or damaged concrete surfaces.
- An industrial vacuum cleaner must be used to remove dust and dirt.
- All the surfaces need grinding, Sandblasting, shot blasting, pressure wash or other common mechanical methods to reach an even concrete Substrate.

APPLICATION

Apply FWT[™] flexible waterproofing tape on surfaces using two-component, epoxy resin adhesive ERA[™]420.

STORAGE & SHELF LIFE

24 months from production date, in original unopened packaging, if kept in a cool, dry place, protected from direct sunlight. If packaging film has been opened, apply the material within 2 months.

CAUTION

Components of JointFlex™ System may cause skin irritation and sensitization. Use of chemical resistant gloves is recommended. Avoid breathing vapors and dust. Get medical attention if you are breathing with difficulty. Resins products can cause strong eye irritation. Avoiding eye contact and Using safety goggles is necessary.

CTech-LLC[®]

CYTEC's Composite Technology
technical@ctech-llc.com
info@ctech-llc.com
www.CTech-LLC.com

IMPORTANT NOTE:

Before using any CTech-LLC[®] product, the user must review the most recent version of the product's technical data sheet, material safety data sheet and other applicable documents, available at www.ctech-llc.com.

WARANTY:

CTech-LLC[®] warrants its products to be free from manufacturing defects. Buyer determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to replacement of product. Any claim for breach of this warranty must be brought within one month of the date of purchase. CTech-LLC[®] shall not be liable for any consequential or special damages of any kind, resulting from any claim or breach of warranty, breach of contract, negligence or any legal theory. The Buyer, by accepting the products described herein, agrees to be responsible for thoroughly testing any application to determine its suitability before utilizing.