

Polyproof Ultra Plus TS

Single-sided, sanded, self-adhesive HDPE tape

DESCRIPTION

Polyproof Ultra Plus TS is single-sided, self-adhesive tape with sanded finish to be used in conjunction with the Polyproof Ultra FB system. The carrier is coated with a pressure sensitive adhesive with excellent adhesion to the Polyproof Ultra Plus membrane.

FIELDS OF APPLICATION

- To repair damages of the Polyproof Ultra Plus membrane as part of the Polyproof Ultra FB system

APPLICATION INSTRUCTIONS

The substrate to which Polyproof Ultra Plus TS needs to be applied should be free of oil, water, and dust. The presence of any of these contaminants affects the adhesive properties of the tape. Remove the sand from the surface of the existing Polyproof Ultra Plus membrane by using a scraper (use hot air gun for easier removal) where the tape needs to be applied. Cut the tape into the desired width and length and stick it on to the surface by removing the release film. The use of an iron roller over the tape will enhance the bonding. All the edges of the tape shall be further sealed with Polyproof EPU sealing compound.

STORAGE & SHELF LIFE

Store Polyproof Ultra Plus TS in dry and clean conditions and in its original, closed packaging away from sources of chemical contamination, damage, heat, and sunlight. In tropical climates, store in air-conditioned rooms. Shelf life is up to 12 months if stored in accordance with the manufacturer's recommendations. Exercise caution when lifting, moving, transporting, storing & handling to avoid puncture and physical damage.

HEALTH & SAFETY

As with all construction chemical products caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Polyproof Ultra Plus TS contains an adhesive on the surface which can stick to human skin during application. Such residues can be removed by using a cloth dipped in a suitable cleaner. Seek medical assistance immediately if any accidents occur on site.



TDS_Polyproof-Ultra-Plus-TS_GCC_0424

SUPPLY

Polyproof Ultra Plus TS	20m x 100mm x 1mm, 2.8kg#
Polyproof Ultra Plus	20m x 100m x 1.2mm, 55kg#
Polyproof EPU	4L, 4.92kg#

#Approximate weight

TECHNICAL SPECIFICATION

PROPERTIES	VALUES	TEST STANDARDS
Nominal thickness, [mm]	1.0	ASTM D 3652
Tensile strength, [N/mm ²]	>10	ASTM D 412
Elongation at break, [%]	>10	ASTM D 412
Peel adhesion on Polyproof Ultra Plus, [N/mm]	>2.5	ASTM D 903
Hydrostatic pressure resistance at the joints of Polyproof Ultra Plus sealed with Polyproof Ultra Plus TS, [7bar or (70m)]	No leakage	ASTM D 5385
Application temperature, [°C]	5 to 45	

*All values given are subject to 5-20% tolerance.

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organizations and trade associations as well as the respective standards. The characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require manufacturer's written confirmation. All data given was obtained at an ambient and material temperature of +23°C and 50 % relative air humidity at laboratory conditions unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of products, is based on the manufacturer's professional experience. As materials and conditions may vary with each intended application, sufficient tests are to be conducted to check the suitability of products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of willful misconduct or gross negligence on the part of the manufacturer. This technical data sheet supersedes all previous editions relevant to this product.



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