



TIETEX T272 PRODUCT DATA SHEET

PRODUCT OVERVIEW

Castagra's Tietex T272 reinforcing fabric is made of 100% stitchbonded polyester.

INTENDED USAGE

Embed between layers (3-course) of Castagra's Ecodur roof coating products to reinforce seams, transitions, penetrations, and other areas prone to movement or dissimilar expansion and contraction.

Embed between layers of topcoat to improve topcoat performance in ponding or high watershed areas.

Use according to Castagra Field Adhesion Test Method to test substrate adhesion prior to application.

<https://www.castagra.com/wp-content/uploads/2022/09/Tech-Bulletin-on-Field-Adhesion-Test-Method.pdf>

PHYSICAL PROPERTIES AND PERFORMANCE CHARACTERISTICS

DESCRIPTION	METHOD	TARGET	LSL	USL
Thickness (in)	ASTM D1777	0.018	0.012	0.024
1" Tensile Strength – MD (lbs)	ASTM D5034	67	42	88
1" Tensile Strength – CD (lbs)	ASTM D5034	59	31	87
2" Tensile Strength – MD (lbs)	ASTM D5034	124	106	143
2" Tensile Strength – CD (lbs)	ASTM D5034	77	43	110
Trapezoid Tear – MD (lbs)	ASTM D5587	22	5	40
Trapezoid Tear – CD (lbs)	ASTM D5587	21	8	35
Elongation at Max Load – MD (%)	ASTM D5034	25	19	33
Elongation at Max Load – CD (%)	ASTM D5034	79	30	116
Ball Burst (lbs)	ASTM D3787	109	75	143

Information from Tietex QAF #4057 Rev. 2

TIPS FOR BEST RESULTS

Wrinkles, blisters, air pockets, fisheyes, and other visible defects will create weak spots. Take care to prevent their creation during application.

When using with Ecodur products, top layer can be applied up to 24 hours after fabric is embedded. Allowing the product to set up before applying top layer can make the fabric easier to work with on long runs and difficult details.

Cut straight with scissors only. Do not use razor knives or other cutters. Remove any frayed edges.