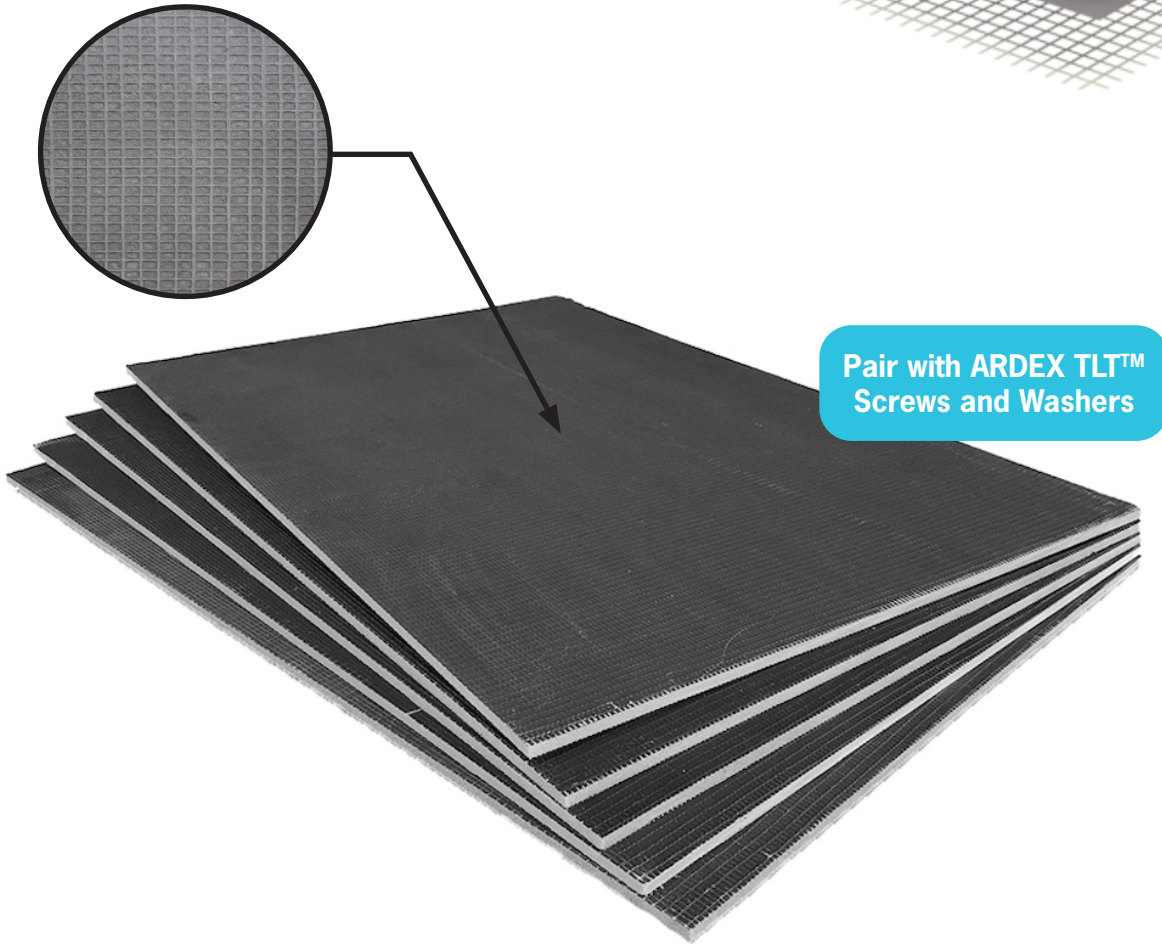
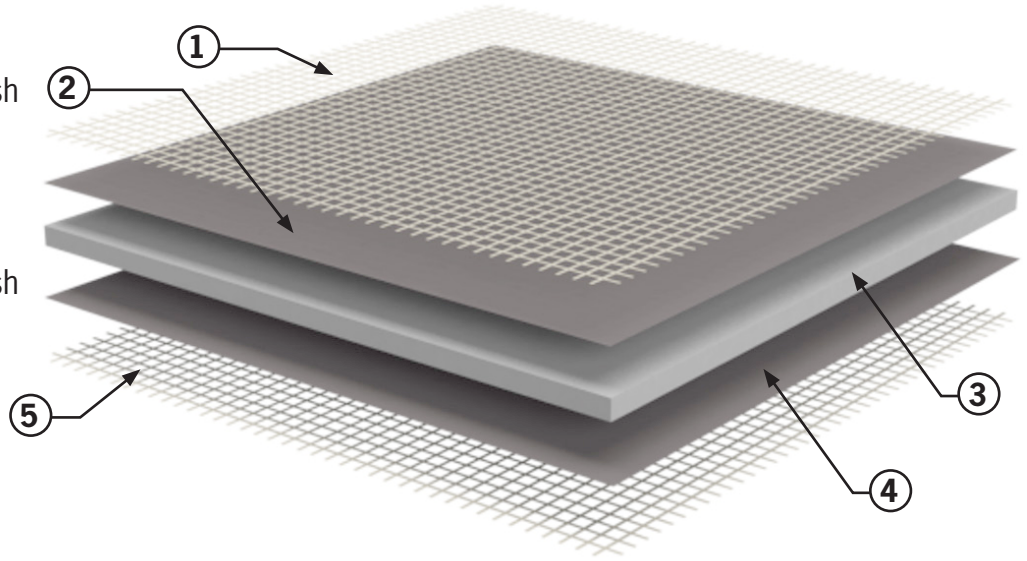


ARDEX TLT™ Building Panels

ARDEX TLT™ Building Panels offer builders and tile contractors a strong, lightweight, waterproof, and vapor-resistant tile base for wet areas. They are XPS foam panels manufactured with a proprietary blend of synthetic polymer mortar and an alkali-resistant fiber mesh. This gives the ARDEX TLT™ Building Panels a highly rigid structure and exceptional bonding strength.

ARDEX TLT™ Building Panel

1. Alkali-resistant glass fiber mesh
2. Polymeric cement mortar
3. XPS Foam
4. Polymeric cement mortar
5. Alkali-resistant glass fiber mesh



tile & stone
Installation Systems

www.ardexamericas.com

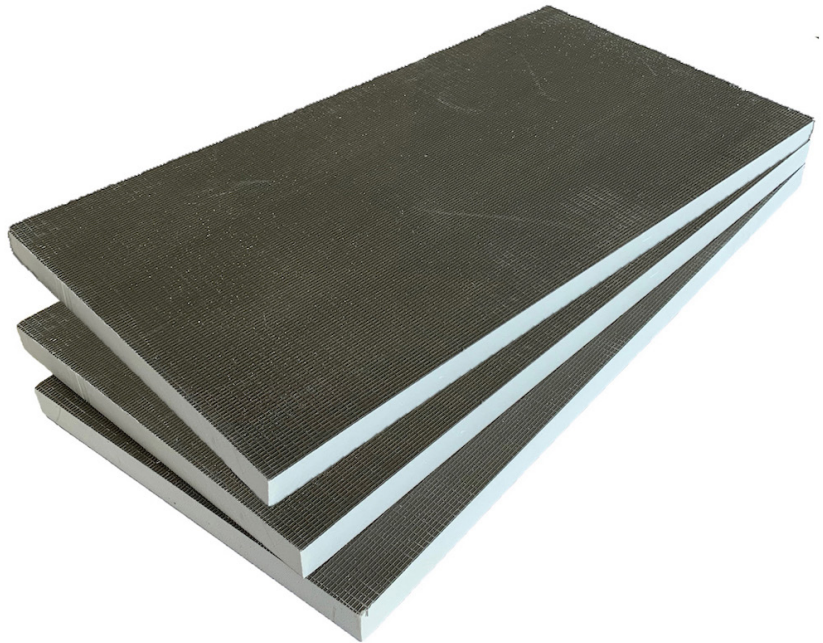
BUILT BY
YOU
backed by **ARDEX**

ARDEX TLT™ Building Panels

PROPERTIES	STANDARDS	VALUES
Compressive strength - perpendicular to surface	ASTM D1621	50.50 psi
Compressive strength - perpendicular to cross section	ASTM D1621	386.0 psi
Tensile Strength	ASTM D1623	75.30 psi
Shear Strength	ASTM D273	53.30 psi
Flexural Strength	ASTM C203	788 psi
Nail Pull Resistance	ASTM C473-10	Wet 313,8 PSI/Dry 668 psi
Robinson Floor Test	ASTM C627	Extra heavy duty & high impact use
System Crack Resistance	ANSI A 118.12, S 5.4	No Cracks
Water Penetration	ASTM E331-09	passed
Flange-Fixture Seal		passed
Water Vapor Transmission - perm rating	ASTM E 96-05	0.494, 0.354
Freeze & Thawing Resistance	ASTM C666 - 03 (Modified), 25	No Visual Defects
Thermal Resistance R-Value (1/2")	ASTM C518	1.8 hr. ft. 2F/Btu
Surface Burning Characteristics	ASTM E 84, 12	Flame speed 0 Smoke developed 70
Flammability	NFPA 286	passed
Temperature Limits		- 50 / + 75 °C
Linear Co-efficient of Thermal Expansion	ASTM D696	0.000029 (29 x10-6) CTE / °C
Accelerated Aging	AC 71-S.3.5.3, 25 cycles	No Blistering or Delamination

IN STOCK SIZES			
3' x 5' x 1/4"	•		
3' x 5' x 1/2"		•	
2' x 8' x 2"			•
4' x 5' x 1/2"		•	
4' x 8' x 1/2"		•	
4' x 8' x 2"			•

Additional sizes are available upon request. Contact your ARDEX Sales Professional for availability.



tile & stone
Installation Systems

www.ardexamericas.com

BUILT BY
YOU™
backed by **ARDEX**