



PRODUCT BULLETIN

TECHBRICK BRICK SLIPS & SPECIAL ADHESIVE

Technical Data

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS ¹
Adhesion to EPS	ASTM D1653	Adhesion > 80 kPa (11.6 psi)	Pass
Water Vapour Permeance of Lamina	ASTM E96 Method A	Measure	69.18 ng/(Pa•s•m ²) (1.21 US Perms)
UV Resistance	ASTM G155	No deleterious effects	Pass
Fire Test Evaluation	CAN/ULC S135	Equal or lower calorific value to other Sto finishes	Pass (qualifies for use on noncombustible construction in StoTherm ci Systems)
Building Code Compliance	StoTherm ci Systems are certified to National Building Code of Canada Article 3.1.5.5. (Sto-Ecoshapes insertion into Systems' Design Listing pending)		
VOC (g/L) Bonding and Pointing Mortar	Complies with US EPA (40 CFR 59) and South Coast AQMD (Rule 1113) VOC emission standards for architectural coatings. VOC less than 50 g/L.		

1. Results are based on lab testing under controlled conditions. Results can vary between labs or from field tests.

Features	Benefits
1. Custom-designed	Wide variety of colors, textures, formats to choose from
2. Organic bonding and pointing mortar	Eliminates efflorescence commonly associated with other masonry mortars
3. Pre-fabricated	Improved aesthetics compared to field installed finish
4. Easy to Install	Does not require highly skilled labor force, cost effective
5. Made with 100% Acrylic Polymers	Durable, UV resistant, superior flexural strength; resists cracking
6. Vapour permeable	Diffuses water vapour, resists blistering and peeling

TechBrick is prefabricated render finish shapes for decoration and protection of facades. TechBrick Flexible Brick Slips achieves the look of brick and TechBrick Flexible Brick Slips is a customized look. Use with TechBrick Special Adhesive over prepared vertical above grade concrete, concrete masonry and stucco.

Sizes

Length: Min 30mm (1-¼ in), Max 840 mm (33 in)
 Width: Min: 30mm (1-¼ in), Max 420mm (16-1/2 in)
 Thickness: Min 4mm (1/8 in), Max 8mm (5/16 in)

Approximate Coverages - includes 12mm mortar joint

TechBrick: 1m² (10 ft²)/box.
 Corners: 2 linear vertical meters (6 linear feet)/box.
 TechBrick adhesive: 6m²/pail (65sqft)
 Primer: 16.6m²/pail (166sqft)

Packaging

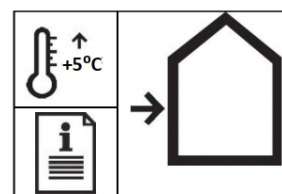
TechBrick Cartons
 TechBrick Special Adhesive and Primer - Pail.

Shelf Life

See batch no. on carton. First number on carton is year of expiration. Second two numbers are week of expiration (e.g., batch no. 9450013223 expires the 45th week of 2019)

Storage

Store off the ground in a dry area. Do not store at temperatures less than 10°C (50°F) before application.



Surface Preparation

All surfaces must be structurally sound, clean, dry, and free of frost and surface contamination such as dust, dirt, salts, grease, oils, efflorescence, mold, algae, mildew, and any other contamination that may affect adhesion. Use appropriate repair methods for the substrate to repair pitting, spalls, cracks, peeling, blistering, delamination, weak surface conditions such as laitance, water damage, or other defects that may exist.

