ULTIMATE TROWELABLE ADHESIVE

ADVANCED HYBRID TECHNOLOGY

MADE IN USA

TECHNICAL DATA SHEET

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ELASTIC TILE ADHESIVE

BoaBond Ultimate Trowelable Adhesive is a one-component, moisture-curing, Kaneka MS Polymer®-based, ready-to-use tile adhesive that simplifies installation. BoaBond Adhesive is suitable for indoor and outdoor tile-to-wall applications across various substrate types. With an extended open time of up to 60 minutes for precise adjustment and alignment, and no silica dust or mixing mess, it is ideal for occupied residential or commercial spaces.

Benefits of BoaBond Ultimate Trowelable Adhesive

◢ **1-Component – No mixing** ◢ **Low Modulus** ◢ **Strong, Durable Bond** ◢ **Quick Curing**

General Properties

Adhesive Type	KANEKA MS POLYMER®		
Color	White		
Viscosity	1 rpm	cp/73°F(23°C)	4,280,000
	2 rpm	cp/73°F(23°C)	2,396,000
	10 rpm	cp/73°F(23°C)	651,200
Specific Gravity	g/㎖	1.2	
Open Time [at 23°C (73°F)]	min	60	
Cure in Depth	after 1day	mm	3.3
	after 7days		6.4
Hardness (ASTM C661)	Shore A	50	
Tensile Strength at Break (ASTM D412)	MPa	1.0	
Elongation at Break (ASTM D412)	%	80	
Application Temperature	41°F to 95°F (5°C to 35°C)		
Temperature Resistance	-40°F to 194°F (-40°C to 90°C)		
Packaging	20oz. Foil Pack / 1-gallon pail / 3.5-gallon pail		



Suitable Application	Adherend: Ceramic tiles, porcelain tiles, stoneware tiles, brick. Substrates: Concrete, mortar(8% or less of moisture content), extrude cement board, tile, plywood (type 1), various dry boards, calcium silicate board (specific gravity of 1.0 or more), ALC board (coated with polymer cement mortar), plaster board, flexible board(with autoclave treatment), non-coated siding
Directions for Use	• Substrate preparation: Before installing, check the substrate for flatness and contamination. Clean any contamination and flatten rough areas mechanically or using **BoaBond Ultimate Trowelable Adhesive**. • Adhesive application: Apply the adhesive completely to either the tile or the wall substrate. No need to apply it to both surfaces. Use a square-notched trowel to form ridges (1/4”/6 mm for large tiles or 1/8”/3 mm for small tiles). The normal application temperature range is 40°F to 95°F. • Tile installation: Lay the tiles and press them onto the adhesive surface to achieve good adhesion. Press the tiles firmly using a vibration machine or apply firm, uniform pressure. • Joint adjustment: Adjustment time is approximately 30 minutes at 95°F or 60 minutes at 72°F. • Cleaning: For uncured material, use a damp cloth or solvent. If any adhesive remains after curing, it can be removed by light sanding and/or solvent. • Grouting: Wait until the adhesive has fully cured before applying grout. This is typically overnight but may take longer in cold climates. • Storage: To maximize shelf life after opening, replace the plastic top sheet and close the pail when the adhesive is not in use. • Safety: Always wear proper PPE and wash adhesive from skin immediately. • Do Not Apply To: Locations exposed to direct flames, asphalt substrates, areas continuously exposed to high temperatures of 80°C or higher, water-absorbent substrates, or locations continuously immersed in water, such as bathtubs.
Shelf Life	12-months after date of production (when unopened and stored at room temperature).
Storage Condition	Normal Storage Condition : 50°F to 90°F (10°C to 32°C) [Store at 41°F (5°C) to maximize shelf-life]
Safety and Health	Refer to Safety Data Sheet for details.

Chemical™ Concepts
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