

TILE ACE™ UHT

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Ultra High-Tack Adhesive

TILE ACE UHT is a 1-component, moisture curing Kaneka MS Polymer® based adhesive specifically designed for bonding composite tiles to wall. TILE ACE UHT shows very strong initial bonding which can reduce or eliminate the need for mechanical fasteners, significantly reducing amount of time required.

General Properties

Adhesive Type	KANEKA MS POLYMER ^R		
Color	White		
Viscosity	1 rpm	cp/73°F(23°C)	15,490,000
	2 rpm	cp/73°F(23°C)	8,944,000
	10 rpm	cp/73°F(23°C)	2,595,000
Specific Gravity	g/ml		1.6
Skin Over Time	min		30
Hardness (ASTM C661)	Shore A		55
Tensile Strength at Break (ASTM D412)	MPa		3.0
Elongation at Break (ASTM D412)	%		408

Benefits of TILE ACE UHT

- Fast grab and non-sag.
- Can hold composite tile by beads applying (no need to trowel).
- Very low odor, low VOC.
- Only 8% coverage required for typical reinforced porcelain tile (3.1 lbs/sqft)

Interior Tile Installation System



Hand Peeling Test on Various Substrates

Bonding Failure

Ceramic Tile	Anodized Aluminum	CF (Cohesive Failure)
PET	Stainless	
Polystyrene	Glass	
Gypsum Board	PVC	
Mortar	ABS	



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Suitable Application	TILE ACE UHT is designed to be applied to the interior wall surface (wet/dry) and large format composite porcelain tile systems. Spot or bead bonding should not be used on a non-composite porcelain tile.
Directions for Use	<ul style="list-style-type: none"> • Remove dust, oily substances, water, etc. on the wall surface with a cloth. • Foil (sausage) Pack : <ul style="list-style-type: none"> - Cut tip off foil sausage pack. - Insert into sausage gun. - Apply bead to composite panel system of approximately 2.9 lbs./sqft. • Cartridge : <ul style="list-style-type: none"> - Use caulking gun to apply bead to composite panel system of approximately 2.9 lbs./sqft. • After applying the adhesive : <ul style="list-style-type: none"> - Press panel to the wall and use roller or float to apply pressure to the panel and ensure excellent contact between the adhesive and wall. - Adjust and reposition within the adhesive application time. - Grout after 24 hours or after confirming the hardened state.
Application Temperature	41°F to 95°F (5°C to 35°C)
Temperature Resistance	-40°F to 194°F (-40°C to 90°C)
Shelf Life	12 months after date of production, unopened packaging at 73°F(23°C)
Storage Condition	50°F to 90°F (10°C to 32°C)
Packaging	20oz. Foil Pack & 10oz. Cartridge
Safety and Health	Refer to Safety Data Sheet for details.

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