

TILE ACE™ MAX

タイルエース



ELASTIC TILE ADHESIVE

TILE ACE MAX is a one-component, moisture-curing, Kaneka MS Polymer®-based, ready-to-use tile adhesive that simplifies installation. TILE ACE MAX 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 TILE ACE MAX

▲ 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/ml	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		



CEMEDINE NORTH AMERICA, LLC

2142 Western Ave, Cincinnati, OH 45214 • PHONE +1 (513) 618-4652

TILE ACE™ MAX

タイルエース



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



chemical-concepts.com

800.220.1966

410 Pike Road • Huntingdon Valley, PA 19006

Directions for Use

- **Substrate preparation:** Before installing, check the substrate for flatness and contamination. Clean any contamination and flatten rough areas mechanically or using TILE ACE MAX.
- **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.

The information in this presentation or document is believed to be correct as of the date issued. To the extent permitted by law, CEMEDINE NORTH AMERICA LLC ("CEMEDINE") DISCLAIMS ANY AND ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTY AS TO THE ACCURACY, CURRENCY, COMPLETENESS, OR ADEQUACY OF THE INFORMATION CONTAINED HEREIN. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of the product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. To the extent permitted by law, CEMEDINE assumes no obligation or liability for the information in this presentation or document, including, but not limited to, any liability to any party with respect to anything done wholly or partly in reliance upon any information provided herein.



CEMEDINE NORTH AMERICA, LLC

2142 Western Ave, Cincinnati, OH 45214 • PHONE +1 (513) 618-4652

KANEKA® and KANEKA MS POLYMER® are registered trademarks in the U.S. belonging to Kaneka Corp. CEMEDINE® and TILE ACE™ are registered or pending trademarks in the U.S. belonging to Cemedine Ltd., Corp.