

# TILE ACE™ PR

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## Panel Reinforcement Adhesive

TILE ACE PR is a 1-component, moisture curing Kaneka MS Polymer® based adhesive specifically designed for bonding reinforcement board to large format porcelain tiles. Reinforcing tiles with backer board and TILE ACE PR can significantly improve the durability of porcelain tiles during the installation process.

### General Properties

|                                       |                                |      |
|---------------------------------------|--------------------------------|------|
| Adhesive Type                         | KANEKA MS POLYMER <sup>®</sup> |      |
| Color                                 | White                          |      |
| Specific Gravity                      | g/ml                           | 1.05 |
| Skin Over Time(@73°F)                 | min                            | 30   |
| Open Time(@73°F)                      | min                            | 20   |
| Hardness (ASTM C661)                  | Shore A                        | 51   |
| Tensile Strength at Break (ASTM D412) | MPa                            | 1.23 |

### Benefits of TILE ACE PR

- 1-component, no-mixing
- Ready to use from pail
- Easy trowel
- Solvent free and ultra-low VOC
- Excellent durability and adhesion
- Quick dry
- Less odor

### Interior Tile Installation System



### Good Adhesion on Various Substrates

|                |                   |
|----------------|-------------------|
| Ceramic Tile   | Anodized Aluminum |
| Porcelain Tile | Stainless         |
| PET            | Glass             |
| Polystyrene    | PVC               |
| Gypsum Board   | ABS               |
| Mortar         | Wood              |



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|                            |   |
|----------------------------|---|
| Suitable Application       | TILE ACE PR is designed to be applied to bonding reinforcement board to large format porcelain tiles.   |
| Directions for Use         | <ul style="list-style-type: none"> <li>• Using a 1/16" square-notch trowel, apply a thin, uniform layer of TILE ACE PR to the porcelain tile.</li> <li>• Place the backer board onto the tile and apply pressure to ensure 100% contact between the adhesive and backer board by weight.</li> <li>• Allow to set for a minimum of 30 minutes before handling.</li> <li>• In most conditions, tiles can be cut and snapped after 4 hours.</li> </ul> |
| Application Temperature    | 41°F to 95°F (5°C to 35°C)  |
| Temperature Resistance     | -40°F to 194°F (-40°C to 90°C)  |
| Coverage per 5-gallon pail | 1/16" square-notch trowel, 350 sq.ft. ~ 400 sq.ft   |
| 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 35°C)   |
| Packaging                  | 5-gallon pail   |
| Safety and Health          | Refer to Safety Data Sheet for details.   |

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