



SICIS®

Instructions for SICIS Neoglass Paper-faced Glass Mosaics

For interior and exterior, floor or wall installations in wet or dry areas according to SICIS installation recommendations and / or approval.

RECOMMENDED SUBSTRATES

Completely cured concrete, brick, masonry block, cement mortars and leveling coats, Gypsum wallboard (interior vertical dry areas only) installed per manufacturer's instructions, CBUs (cementitious backer units) installed per manufacturer's instructions, and for interior residential floors and countertops in dry areas, over 2 layers A.P.A. rated Group 1, exterior grade plywood, C.C. plugged or better, conforming to U.S. Product Standard PSI-95 or a CAN/PLY exterior glue plywood, SELECT or (SEL TF), conforming to CSA 0121 standard for Douglas fir.

Notes:

All surfaces to receive tile shall be left clean, and free of dust, oil, grease, paint, tar, wax, curing agent, primer, sealer, adhesive residue, form release agent or any other deleterious substance and debris which may prevent or reduce adhesion.

Do NOT install over pressed wood, particle board, chipboard, OSB (oriented strand board) masonite, Lauan, asbestos board, fiberglass surfaces, metal, gypsum-based patching compounds, or any dimensionally unstable materials which are not suitable substrates.

Substrates must be sound, solid, stable, rigid, level and plumb. The floor must be flat, in true tolerance of 1/8" (3mm) in 10 feet (305cm). The structural design of the floor must not allow a deflection greater than L/720 under 300 lbs (136 kg) concentrated load, in accordance with general industry recommendations for fragile tile.

Provide for expansion and control joints as specified according to the most recent TCA Handbook, or TTMAC Specification Guide.

MAPEI Mapelastic™ 315, Two-Component Waterproofing and Crack Isolation membrane may be used over any of the recommended substrates. Please see Mapelastic 315 Data Sheet for additional information.

MAPEI Ultraprime™ L, latex-based primer is recommended for applications over Gypsum Wallboard, where applicable. Please see Ultraprime L Data Sheet for additional information.

MAPEI Planiseal™ MRB, Moisture Reduction Barrier may be used to treat new or existing Concrete Slabs with moisture vapor issues. Please see Planiseal MRB Data Sheet for additional information.

MAPEI Ultraplan® 1 and Ultraplan® M20 quick setting, cement self-leveling underlayments can be used to repair and resurface horizontal areas. Please see Ultraplan 1 or Ultraplan M20 Data Sheets for additional information.

Exterior Installations & Submerged Applications:

SETTING MATERIALS

MAPEI White Granirapid® – premium rapid-curing, flexible mortar system

MAPEI White Kerabond/Keralastic™ – premium flexible mortar system

MAPEI P10 mortar mixed with Keraply™ – slip resistant cement adhesive

GROUTS

MAPEI Ultracolor® – ultra premium, rapid curing, polymer-modified grout
(For Grout Joints from 1/8" (3 mm) to 1" (25 mm) wide.)

Interior Installations, including Light Water Exposure:

SETTING MATERIALS

Use any of the setting materials listed above or use:

MAPEI P10 mixed with water – slip resistant mortar

GROUTS

MAPEI Ultracolor® – ultra premium, rapid curing, polymer-modified grout
(For Grout Joints from 1/8" (3 mm) to 1" (25 mm) wide.)

Directions for SICIS Neoglass Paper-faced Glass Mosaics

1. Mix setting material according to MAPEI instructions on package.
2. Apply setting material (White Granirapid mortar, White Kerabond/Keralastic mortar, or P10 mortar mixed with water or mixed with Keraply), to the substrate using the notched side of a 3/16" x 5/32" x 3/16" (5 x 4 x 5mm) V-notch trowel.
3. Using the flat side of the trowel, smooth out all ridges evenly to achieve consistent, even, voidless coverage.
4. Apply SICIS Neoglass glass mosaics to the freshly troweled material with the PAPER SIDE OUT.
5. Using a rubber float or equivalent tool, gently press the tile into the adhesive and flatten sheets to each other to remove any lippage and achieve thorough and complete contact. Avoid pushing the sheets too deeply into the adhesive, causing the material to seep up into the joints between the tiles. It is recommended to leave at least 2/3 of the tile depth available for grouting.
6. Adjust tile sheets for correct alignment and even spacing between sheets. Do not allow setting material to dry or skin over before completing this process.
7. Allow sufficient time to set prior to removing paper (approximately 20 to 30 minutes).

8. Using a wet sponge, apply warm water to the paper to soften the glue, allowing the paper to release. Avoid using too much water. Gently peel back the paper.
9. Remove all excess setting material from the joint areas and clean the surface immediately using a damp sponge.
10. After approximately 24 hours (approximately 3 hours for Granirapid), mix and apply Ultracolor grout according to MAPEI instructions on package.
11. Clean all excess grout immediately with a damp sponge.
12. Polish off any remaining haze with a dry cheese cloth or soft terrycloth towel.
13. After grouting, protect area from light foot traffic and light water exposure for at least 24 hours. Protect area from heavy traffic, and regular use and for at least 72 hours. When Granirapid is used as a setting material, protect the installation for at least 72 hours prior to submersion. When using any other recommend setting material, protect the installation for a full 21 days prior to submersion.

Note: Set times and cure times are based on 73° / 23°C.

For information on MAPEI products, please visit our website at: www.mapei.com .

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