

TECHNICAL BULLETIN

Application of Textured Acrylic Finishes in Indoor Pool and Spa Areas

Textured acrylic finishes can provide a durable and aesthetically pleasing appearance with a wide variety of options for the walls in rooms containing a swimming pool or hot tub. These finishes have performed successfully, exhibiting long-term durability in such environments. In these applications, where high humidity and temperatures are normal, successful results require particular attention be paid to the HVAC/ mechanical design and proper ventilation. The designer and finish applicator must also consider other factors, such as proper slope of pool deck away from interior walls to reduce the potential for ponding of water and properly sealing all terminations to the pool deck and dissimilar materials. Sealing should be accomplished by installing an acceptable sealant at a minimum ½" joint and must include closed cell backer rod or bond breaker tape.

The following instructions are guidelines for the application of Senerflex Textured Acrylic Finishes in interior pool rooms when applied over minimum 1/2" substrates of Dens Shield Tile Backer by Georgia Pacific Corporation, PermaBase Cement Board by National Gypsum or other cement-boards conforming with ASTM C1325 (Type A-exterior). All sheathing must be installed in accordance with sheathing manufacturer's recommended guidelines, with a maximum allowable deflection of L/360.

1. Apply SikaWall[®] Self-Adhering Mesh Tape over all sheathing joints.
2. Apply mixed Senergy Xtra-Stop water resistant base coat to the surface of the Self-Adhering Mesh Tape at the joints and allow the Xtra-Stop to dry prior to application of Senergy Flexguard 4 Reinforcing Mesh and Xtra-Stop to the field.
3. Apply mixed Xtra-Stop to entire surface of substrate with a stainless steel trowel to embed the Flexguard 4 Reinforcing Mesh.
4. Immediately place Flexguard 4 against wet Xtra-Stop

and embed the reinforcing mesh into the Xtra-Stop by troweling from the center to the edges.

5. Lap reinforcing mesh 2-1/2" minimum at edges.
6. Ensure reinforcing mesh is continuous at corners, void of wrinkles and completely embedded in Xtra-Stop so that no mesh color is visible.
7. If required, apply a second layer of Xtra-Stop to achieve full reinforcing mesh embedment and specified base coat thickness.
8. Allow Xtra-Stop with embedded Flexguard 4 reinforcing mesh to dry hard (normally 8 to 10 hours) before proceeding to application of specified Senerflex Textured Acrylic Finish. For additional moisture resistance, the use of a silicone enhanced finish is recommended.
9. Apply Senerflex Textured Acrylic Finish, maintaining a wet edge on finish coat by applying and texturing continually over the wall surface. Work finish coat to corners, joints, or natural breaks, and do not allow material to set up within an uninterrupted wall area.
10. Float finish coat to achieve final texture.



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