



50 MIL - BONDABLE

SOUND REDUCTION MEMBRANE

CRACK ISOLATION & WATERPROOF

CONTROLS SOUND TRANSMISSION IN HIGH QUALITY THIN-SET TILE INSTALLATIONS
PROTECTS FROM SUBSTRATE CRACKS & MOISTURE MIGRATION

From the Makers of COMPOSEAL GOLD Crack Isolation & Waterproof Membrane and COMPOSEAL BLUE Vinyl Shower Pan, supplying the ceramic tile industry since 1938.

COMPOSEAL WHITE GOLD was introduced by Compotite in 1998 to provide sound control for above grade thin-set ceramic, glass or stone tile installations. COMPOSEAL WHITE GOLD is manufactured in a 60" width and packaged in 40 ft. and 100 ft. rolls.

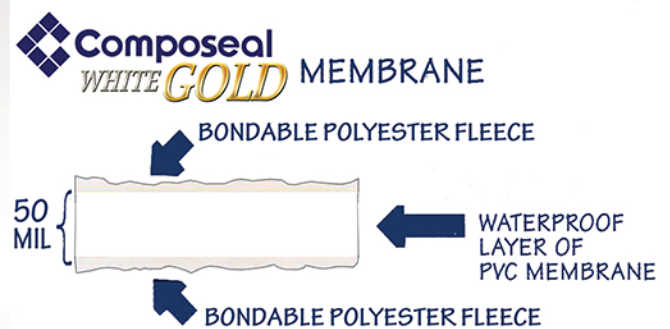


Figure 1 COMPOSEAL WHITE GOLD Sound Reduction Membrane

◆ SOUND REDUCTION CAPABILITY

COMPOSEAL WHITE GOLD provides a sound rating of IIC 66 and STC 66 in above grade ceramic tile installations over 6" concrete slab floors above a suspended ceiling.

◆ CRACK ISOLATION & DIRECT BONDING CAPABILITY

COMPOSEAL WHITE GOLD performs equally or better than the superior performance record of COMPOSEAL GOLD 40 mil Crack Isolation Waterproof membrane.

◆ APPLICATIONS

COMPOSEAL WHITE GOLD is used as a concealed sound reduction and/or crack isolation and waterproof membrane under thin-set installations of ceramic, glass or stone tile in new construction, renovation or repair in residential and commercial projects.

Negligible shrinkage at extreme temperatures combined with low water vapor permeability makes COMPOSEAL WHITE GOLD especially ideal for sound control on radiant heated flooring and steam cleaned floors.

◆ LIMITATIONS

When COMPOSEAL WHITE GOLD is used for sound reduction and waterproofing, such as in showers, or on bathroom and kitchen floors, it cannot be bonded directly to any material adversely affected by water: plywood substrates must be covered with 1-1/4" wire reinforced mortar bed or cementitious backer units before bonding the COMPOSEAL WHITE GOLD.

COMPOSEAL WHITE GOLD cannot be used with asphalt or bituminous based products.



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The powerful Sound Reduction and Crack Isolation protection provided by COMPOSEAL WHITE GOLD in above grade tile installations adds less than 1/8" to 1/4" to the overall thickness of the thin-set installation, and less than 1/3 lb. per sq. ft. to the overall weight.

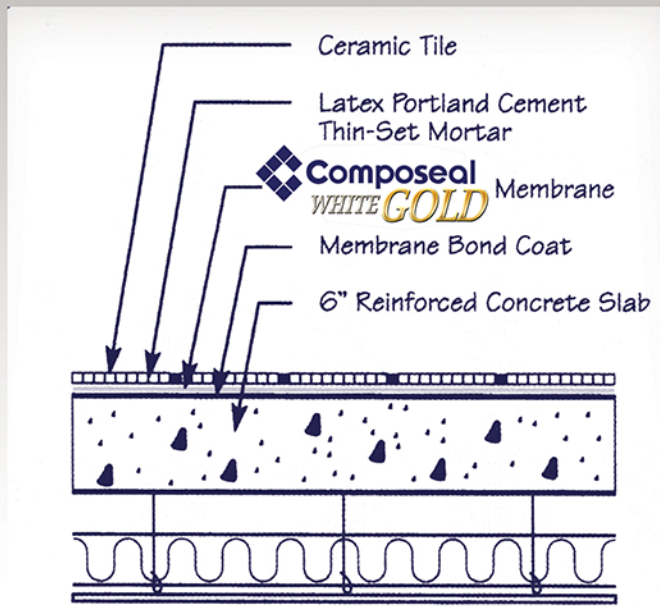


Figure 2 COMPOSEAL WHITE GOLD in thin-set tile installation over 6" reinforced concrete slab above suspended ceiling.

◆ BASIC INSTALLATION

SUBSTRATE BOND COAT

Install COMPOSEAL WHITE GOLD membrane using any Latex-Portland Cement (modified thin-set) Mortar complying with ANSI A118.4-2010 according to manufacturers directions.

For faster installation and with any substrate suspicious of water migration a rapid setting Latex-Portland Cement Mortar complying with ANSI A118.4-2010 should be used. Rapid setting mortar installation has the advantage of allowing same-day setting of tile above the membrane. Verify bonding mortar as to manufacturer's compatibility with membrane.

TILE SETTING BED

Tile is bonded directly to COMPOSEAL WHITE GOLD using the thin-set method in accordance with ANSI A108.5-2010 and using ANSI A118.4-2010 Latex-Portland Cement Mortar. A thick-setting wire reinforced mud bed in accordance with ANSI A108.1-2010 may also be used.

◆ ACCESSORY INSTALLATION MATERIAL

ACOUSTICAL SEALANT is required at the perimeter of the floor, and at any penetration of the floor inside the perimeters. There should be a 3/8" wide joint at these locations, that continues through tile work. Neither tile nor setting mortar should touch the walls or protruding pipes, etc. However, in waterproofing installations, the COMPOSEAL WHITE GOLD membrane should be extended 6" min. up the wall.

SEAM WELDING: COMPOSEAL WHITE GOLD is welded with the Composeal Flexible PVC Solvent Cement applied generously through the fleece of both pieces to be welded. Once cement has become tacky the layers are ready to be placed together with a 2" overlap. Verify complete adhesion through membrane layers.

CORNERS: Pre-formed COMPOSEAL GOLD inside and outside corners are available for waterproofing jobs.

FLASHING AND SEALANTS: COMPOSEAL WHITE GOLD is bonded to metal flashings, drains, protrusions etc. with Compotite Elastiseal or a 100% mold/mildew resistant silicone.

◆ CODE ACCEPTABILITY, CERTIFICATION

COMPOSEAL WHITE GOLD has been tested for Sound Transmission Loss as specified by ASTM E90-97 and ASTM E413-87 resulting in a Sound Transmission Class (STC) rating of 66 with a suspended ceiling. COMPOSEAL WHITE GOLD was also tested for Impact Sound Transmission as specified by ASTM E492-90 and ASTM E989-89, and given an Impact Isolation Class (IIC) rating of 66 with a suspended ceiling.

◆ WARRANTY

COMPOSEAL WHITE GOLD is warranted against failure for any reason and in the case of the event of failure, replacement material will be supplied at no charge. This warranty does not cover improper installation over which we have no control.

For information about your local COMPOTITE REPRESENTATIVE or for additional technical literature, installation materials including written brochures and DVD's call 800-221-1056 or consult our website at www.compotite.com. COMPOSEAL WHITE GOLD and its accessory products are available through quality ceramic tile distributors.