

## ANTI-FRACTURE/WATERPROOFING MEMBRANES

- **Custom Building Products:** RedGuard Waterproofing and Crack Prevention Membrane
- **Hydroment:** Gold Anti-fracture and Waterproofing Membrane
- **Laticrete:** 9235 waterproof & anti-fracture membrane
- **TEC:** TA-324 Triple-Flex waterproofing/crack isolation membrane



## MEMBRANES WITH TRANSPARENT GLASS TILE

Oceanside Glasstile does not recommend membranes directly behind the setting material when installing transparent glass (glass tile you can see through) in wet areas. Membrane manufacturers' recommendations for submerged and below grade installations vary dramatically. Consult each manufacturer for specific recommendations prior to use for submerged and below grade applications.

## MOVEMENT JOINTS

Expansion joints are essential for the success of most tile installations. Follow instructions on Expansion Joints **EJ 171-05** or current year instructions in the Handbook for Ceramic Tile Installation published by the Tile Council of America. Expansion joint requirements will vary depending on substrata, climate, and size of installation. An architect should be consulted when specifying the exact number and location of each expansion joint.

### Flexible Joint Fillers

- **Hydroment:** Chem-Calk 900 One-Part Urethane Sealant
- **KeraKoll:** Sigibuild PU Poly-Urethane Sealant
- **Laticrete:** Latasil NS (non-sag), Latasil SP (floors)
- **Sikaflex:** 1A or 2C Polyurethane-based Sealant

Certain applications may require a different type of sealant.

## CUTTING AND DRILLING

Oceanside Glasstile's products can be cut to meet job site dimensions with the use of a high quality wet tile saw. We recommend a continuous, smooth-rim diamond blade designed for cutting glass, such as the 10" Alpha Vetro or the 10" MK - 215 GL. Special glass mosaic tile nippers or glass rod loppers (available from stained glass supply shops) work well when hand cutting our mosaic tile. You can purchase a pair from your local Oceanside Glasstile distributor using OGT Item # 1950.

To successfully drill the glass tile, a water swivel and fractional core bit work best. (See the Drilling Instructions on page 10.)

**\*For a listing of manufacturers of required setting materials and recommended products, please refer to page 12.**

# Test Results & Recommended Applications

The following use chart is a general guideline listing laboratory test results and typical applications; however, an architect should be consulted when specifying Oceanside Glasstile. Additionally, the environment, climate, maintenance and wear can affect the performance of all tile installations; therefore, Oceanside Glasstile suggests the end user verify the performance of all specified materials using a testing facility familiar with the tests necessary to satisfy the specification.

ASTM TEST RESULTS		CASA CALIFORNIA & HAIKU		MINERALI	RITUAL FIELD	RITUAL MOSAIC	TESSERA		
TEST #	TYPE of TEST	Iridescent	Non-Iridescent	Abrasive	Matte	Matte	Iridescent	Non-Iridescent	Palladium
N/A	Moh's Scratch Hardness (1-10)	4	3	9.5	5	5	4	3	4
C1028	Static Coefficient of Friction	Dry = .73 Wet = .60	Dry = .81 Wet = .36	Dry = .88 Wet = .82	Dry = .88 Wet = .68	Dry = .79 Wet = .60	Dry = .76 Wet = .60	Dry = .83 Wet = .34	N/A
C424	Crazing Resistance (Steam)	No Affect, 1 Cycle @150 PSI							
C484	Thermal Shock Resistance	No Deterioration to Tile							
C648	Breaking Strength (4x4)	>900 Pounds - Force							
C650	Chemical Resistance	No Affect, 7 Day Duration							
C737	Water Absorption	None, 0.05% Impervious							
C1026	Freeze-Thaw Resistance	No Deterioration to Tile							
RECOMMENDED APPLICATIONS		CASA CALIFORNIA & HAIKU		MINERALI	RITUAL FIELD	RITUAL MOSAIC	TESSERA		
		Iridescent	Non-Iridescent	Abrasive	Matte	Matte	Iridescent	Non-Iridescent	Palladium
WALLS	Interior	●	●	●	●	●	●	●	●
	Exterior	●	●	●	●	●	●	●	
FLOORS	Interior	●		●	●	●	●		
	Exterior	●		●	●	●	●		
COUNTERTOPS	Kitchen	●		●	●	●	●		
	Powder Room	●	●	●	●	●	●	●	
SUBMERGED	Pools & Fountains	●	●	●	●	●	●	●	
POSSIBLE APPLICATIONS		Residential - Heavy	Residential - Medium*	Commercial - Light**	Commercial - Light**	Commercial - Light**	Residential - Heavy	Residential - Medium*	Residential - Light

\*With no exterior entrance. \*\*Limited to light pedestrian traffic; no metal wheeled carts.  
NOTE: Oceanside Glasstile is not responsible for the accuracy of test results. Purchasers may have their individual orders tested by contacting the Tile Council of America (TCA) at 864-646-8453