

# Performance Selector

## Application Environments

### Walls and Ceilings

**Note:** Code-specific product application is subject to the approval of the Code Official within the jurisdiction.

	Application Environment	Finish	Reference	USG Product Options	ASTM
<b>Interior Walls and Ceilings</b>	<b>Dry</b>	Paint	USG	SHEETROCK® brand gypsum panels	C1396
				SHEETROCK® brand MOLD TOUGH® gypsum panels	C1396
				FIBEROCK® AQUA-TOUGH™ interior panels	C1278
		Tile	IBC 2509.2 GA-216	SHEETROCK gypsum panels	C1396
				SHEETROCK MOLD TOUGH gypsum panels	C1396
				FIBEROCK AQUA-TOUGH interior panels	C1278
	DUROCK® cement board		C1325		
	<b>Limited Water Exposure</b>	Paint	USG	SHEETROCK MOLD TOUGH gypsum panels	C1396
				FIBEROCK AQUA-TOUGH interior panels	C1278
	No direct water exposure or continuous high humidity	Tile	IBC 2509.3 IRC R702.3.8.1 GA-216 TCNA	SHEETROCK MOLD TOUGH gypsum panels	C1396
				FIBEROCK AQUA-TOUGH interior panels	C1278
				DUROCK cement board	C1325
	Adjacent Tub and Shower Areas wall and ceiling panels (no direct water exposure or continuous high humidity)	Tile	IBC 2509.2 IBC 2509.3 IRC R702.3.8.1	SHEETROCK MOLD TOUGH gypsum panels	C1396
				FIBEROCK AQUA-TOUGH interior panels	C1278
DUROCK cement board				C1325	
Water Closet Compartments wall tile substrate (includes toilets and urinals)	Tile	IBC 2509.2	SHEETROCK MOLD TOUGH gypsum panels	C1396	
			FIBEROCK AQUA-TOUGH interior panels	C1278	
			DUROCK cement board	C1325	
<b>Wet</b>	Coating	USG	DUROCK cement board	C1325	
Tub and Shower Surround tub and shower unit insert	Insert	USG	SHEETROCK MOLD TOUGH gypsum panels	C1396	
			FIBEROCK AQUA-TOUGH interior panels	C1278	
Tub and Shower Surround wall tile substrate	Tile	USG TCNA	FIBEROCK AQUA-TOUGH interior panels (2007 TCNA Handbook Recognition)	C1278	
			IBC 2509.2	DUROCK cement board	C1325
		IRC R702.4.2 IRC R702.3.8	DUROCK cement board	C1325	
			FIBEROCK AQUA-TOUGH interior panels (2007 supplement to the 2006 IRC)	C1278	
Saunas, Steam Rooms, Hot Tubs, Gang Showers, or Indoor Pools	Tile	USG	DUROCK cement board	C1325	

	Application Environment	Finish	Reference	USG Product Options	ASTM
<b>Exterior Walls and Ceilings</b>	Conventional Finish Systems	Stucco, brick veneer or stone	USG	SHEETROCK gypsum sheathing panels	C1396
				SECUROCK™ glass-mat sheathing panels	C1177
				DUROCK cement board	C1325
	Exterior Insulated Finish Systems (EIFS)	Mechanically attached	USG	SHEETROCK gypsum sheathing panels	C1396
				SECUROCK glass-mat sheathing panels	C1177
				DUROCK cement board	C1325
Exterior Insulated Finish Systems (EIFS)	Adhesively attached	USG	SECUROCK glass-mat sheathing panels	C1177	
			DUROCK cement board	C1325	
Exterior Soffit	Synthetic coating	USG	SECUROCK glass-mat sheathing panels	C1177	
			DUROCK cement board	C1325	
Extreme Exposure or Weather	Tile or synthetic coating	USG	DUROCK cement board	C1325	
Enclosed Swimming Pools	Tile or synthetic coating	USG	DUROCK cement board	C1325	

**Industry References**

- Gypsum Association  
GA-216-10
- International Residential Code/  
IRC 2009 edition
- International Building Code/IBC  
2009 edition
- Tile Council of North America/  
TCNA Handbook for Ceramic  
Tile Installation 2009 edition

**Application Environment Definitions (TCNA Handbook)**

**Wet Area Definition**

Tile surfaces that are either soaked, saturated, or regularly and frequently subjected to moisture or liquids (usually water), such as gang showers, tub enclosures, showers, laundries, saunas, steam rooms, swimming pools, hot tubs, commercial kitchen and exterior areas.

**Limited Water Exposure Areas**

Tile surfaces that are subjected to moisture or liquids but do not become soaked or saturated due to the system design or the time exposure. Examples include: residential bathroom floors and foyers, residential bathroom vertical surfaces including tub surrounds without a shower head, and kitchen countertops.

**Service Requirements (TCNA Handbook)**

**Commercial Construction Dry or Limited Water Exposure**  
E.g., dairies, breweries, kitchens.

**Commercial Construction-Wet**  
E.g., gang showers, tubs, showers, laundries.

**Residential and Light Construction-Dry or Limited Water Exposure**  
E.g., kitchens and toilet rooms, commercial dry area interiors, and decoration.

**Residential and Light Construction-Wet**  
E.g., tub enclosures and showers.



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