

# PERFORMANCE SELECTOR APPLICATION ENVIRONMENTS

## WALLS AND CEILINGS

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

### INTERIOR WALLS AND CEILINGS

Application Environment	Finish	Reference	USG Product Options	ASTM
Dry	Paint	USG	USG Sheetrock® Brand gypsum panels	C1396
			USG Sheetrock® Brand Mold Tough® gypsum panels	C1396
			USG Sheetrock® Brand Glass-Mat Panels Mold Tough®	C1658
			USG Fiberock® Brand Aqua-Tough™ interior panels	C1278
	Tile	IBC 2509.2 GA-216	USG Sheetrock® gypsum panels	C1396
			USG Sheetrock® Mold Tough gypsum panels	C1396
			USG Fiberock Aqua-Tough interior panels	C1278
			USG Durock® Brand cement board	C1325
Limited Water Exposure	Paint	USG	USG Sheetrock® Mold Tough gypsum panels	C1396
			USG Sheetrock® Glass-Mat Panels Mold Tough	C1658
			USG Fiberock Aqua-Tough interior panels	C1278
No direct water exposure or continuous high humidity	Tile	IBC 2509.3	USG Sheetrock® Mold Tough gypsum panels	C1396
		IRC R702.3.8.1	USG Sheetrock® Glass-Mat Panels Mold Tough	C1658
		GA-216	USG Fiberock Aqua-Tough interior panels	C1278
		TCNA	USG 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	USG Sheetrock® Mold Tough gypsum panels	C1396
			USG Sheetrock® Glass-Mat Panels Mold Tough	C1658
		IBC 2509.3	USG Fiberock Aqua-Tough interior panels	C1278
		IRC R702.4	USG Durock cement board	C1325
Water Closet Compartments wall tile substrate (includes toilets and urinals)	Tile	IBC 2509.2	USG Sheetrock® Mold Tough gypsum panels	C1396
			USG Sheetrock® Glass-Mat Panels Mold Tough	C1658
			USG Fiberock Aqua-Tough interior panels	C1278
			USG Durock cement board	C1325
Areas Subject to Water Exposure	Coating	USG	USG Durock cement board	C1325
Tub and Shower Surround tub and shower unit insert	Insert	USG	USG Sheetrock® Mold Tough gypsum panels	C1396
			USG Fiberock Aqua-Tough interior panels	C1278
Tub and Shower Surround wall tile substrate	Tile	IBC 2509.2	USG Durock cement board	C1325
		IRC R702.4	USG Durock cement board	C1325
			USG Fiberock Aqua-Tough interior panels	C1278
Saunas, Steam Rooms, Hot Tubs, Gang Showers, or Indoor Pools	Tile	USG	USG Durock cement board	C1325



## EXTERIOR WALLS AND CEILINGS

Application Environment	Finish	Reference	USG Product Options	ASTM
Conventional Finish Systems	Stucco, brick, veneer or stone	USG	USG Sheetrock® Brand gypsum sheathing panels	C1396
			USG Securock™ Brand glass-mat sheathing panels	C1177
			USG Durock® Brand cement board	C1325
Exterior Insulated Finish Systems (EIFS)	Mechanically attached	USG	USG Sheetrock gypsum sheathing panels	C1396
			USG Securock glass-mat sheathing panels	C1177
			USG Durock cement board	C1325
Exterior Insulated Finish Systems (EIFS)	Adhesively attached	USG	USG Securock glass-mat sheathing panels	C1177
			USG Durock cement board	C1325
Exterior Soffit	Synthetic coating	USG	USG Securock glass-mat sheathing panels	C1177
			USG Durock cement board	C1325
Extreme Exposure or Weather	Tile or synthetic coating	USG	USG Durock cement board	C1325
Enclosed Swimming Pools	Tile or synthetic coating	USG	USG Durock cement board	C1325

### TRADEMARKS

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### INDUSTRY REFERENCES

- Gypsum Association  
GA-216-10
- International Residential Code/IRC 2012 edition
- International Building Code/IBC 2012 edition
- Tile Council of North America/TCNA Handbook for Ceramic Tile Installation 2013 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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WB2418/rev. 3-14  
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