

TERRA PRECIOSA



B A L U X

CANADIAN MADE CONCRETE

Balux is a Canadian company that offers custom, high quality product designed to our customer's specifications. Our countertops and other products are carefully handmade with a unique composition that meets high quality standards of durability and strength, to produce ultra-high

performance concrete products. Our concrete products offer a smooth finish that is less porous than standard concrete that is ecological and durable, They are sealed in our workshop to be food safe, and stain and water resistant.

We use both a penetrating and topical sealer to obtain maximum stain protection, however it is not scratch resistant. Small scratches can appear over time and with use on the topical layer, that will become a natural, uniform patina over time.

The beauty of concrete is due to its imperfections, light colour variations, veins, and air bubbles - that are not considered a defect in the product, but are that give it character and uniqueness. The possibilities of concrete are endless.



BALUX CONCRETE: A GREEN OPTION!



Our concrete products are fabricated with natural materials, down to the sand and aggregates are the main materials used in our fabrication process. We also use minimal energy in our fabrication methods, and do our best to source local materials to reduce the ecological footprint that transport can cause. Our concrete is also a very durable material, that can be polished to look new, or crushed into small pieces to be recycled into new products. We are also very careful not to waste fresh concrete by using our leftover materials into small items instead of throwing it away.

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Technical Specifications:

- ◆ **Product Description:** Hand-made moulded WET CASE tiles with 4650 psi concrete. Presealed in our factory. Through-body colour, not just a top layer. All tints used are within the concrete mix and UV resistant
- ◆ **Dimensions:** 24x24x5/8"
 - *Custom dimensions available
 - *Since this is a handmade product, variations in thickness, size and colour may occur and are not considered deficiencies
- ◆ **Abrasiveness, Scratch Resistance, Porosity and Coefficient of Friction:** to be referred to topical sealer data sheet below - PERMA-CRETE AQUA-PEL CLEAR WATER REPELLENT

Tint Base		4-4220Xl
Viscosity (KU)		81
pH		8,7
Density (g/ml)		1,12
Gloss 60°		19
Sheen 85°		31
Leveling		0
Sag Resistance		24
Cold Touch-Up		Pass
Hot Tire Pick Up		Good
Water Resistance		Pass
Adhesion	ASTM D3359	10/10
Water Repellency	ASTM D4445	Pass
Yellowing		Pass
Weathering (500 hrs)	ASTM D4587	
Blistering		none
Cracking	ASTM E313	none
Fading (D60° gloss)		-0,1
TABER Abrasion(weight loss)		58,5 mg

- ◆ **Compressive Resistance:** After 28 day cure – 4650 PSI
- ◆ **Acid Resistance:** Cement tiles are NOT resistant to acid, and any acid could damage the sealer and the cement underneath