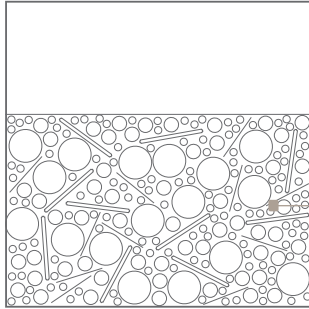


OUR MATERIAL

High-density fibre-reinforced concrete (HDFC)

Pur Béton's house formula is of very high quality.



By weight, our mix is 96% locally purchased
40% recycled post-consumer materials
Water-cement ratio from .22 to .26
PVA fibre 1% to 3% per volume according to the type of piece to be produced
Agrégats max 0.8 mm
Colour: added pigment
Compressive strength between 80 and 120 MPa
Flexural strength from 12 to 17 MPa according to fibre and water-cement ratios
Weight 11.6 pounds per square foot with a 1-inch thickness

We consider concrete as an organic material with authentic and unique characteristics. Efflorescence, non-homogeneous surfaces, porousness, micro-fissures and mould markings are all par for the course. They are, in fact, what differentiate our products from their manufactured and synthetic counterparts. These characteristics do not affect quality or functionality.

We consider concrete to be a living matter and expect it to change over time with normal wear and tear, just like leather or oiled wood.

Penetrating sealer

We use a penetrating sealant for all our concrete elements, except for special projects. It offers good resistance to scratches, heat and oils. However, this type of sealant offers little protection to acidic liquids, such as lemon juice, vinegar, etc. The surfaces solicited and marked by discoloration will then be enhanced by the application of sealant and will generate a natural patina.

His touch and natural finish harmoniously complement the pieces we make with care and passion in the workshop. The natural patina that settles corresponds with the vision we have of concrete: **a piece resulting from the laws of gravity and chemistry carrying in it its own confection marks that will continue its life and its transformation in your environment.**

For more maintenance information about your concrete piece, please consult the maintenance sheet you received with your purchase.



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