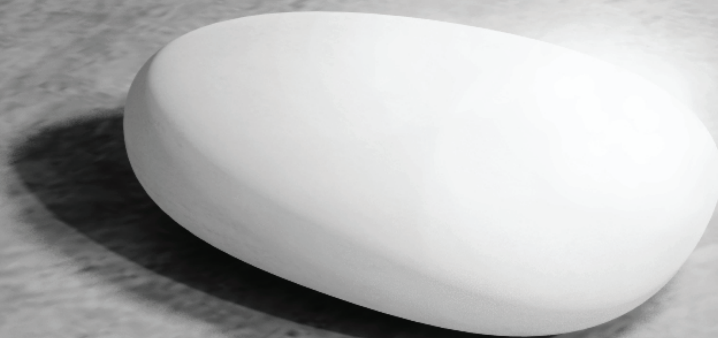**UH** can be effective in UV reflection through its composition, **PC** surface finishes, color, and overall durability.
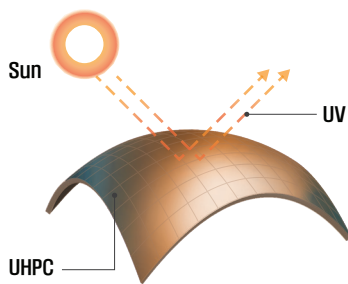

UHPC
STONE SEAT

The Stone Seat is a multi-purpose free-shape seat which is available in Ultra High Performance Concrete (UHPC). Available finishes are ALFA or PSI for the Ultra High Performance Concrete (UHPC). The Stone Bench can be free standing with pedestals or cemented to the floor with threaded rods.

Product Material

Ultra High Performance Concrete (UHPC) is known for its superior mechanical properties and durability compared to conventional concrete. Its effectiveness regarding UV reflection can be attributed to several factors:

Sun

UV

UHPC

Composition:
UHPC typically includes fine aggregates, high cement content, and additives that enhance its performance. These materials can be chosen to improve UV resistance.

Surface Finish:
The surface of UHPC can be treated or finished to enhance its reflectivity. A smooth or polished surface can reflect more UV light, reducing heat absorption.
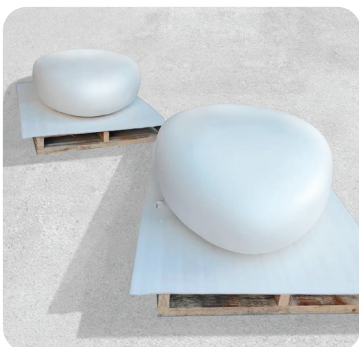
Color:
Lighter colors reflect more sunlight than darker shades. UHPC can be produced in various colors, allowing for the selection of lighter tones to improve UV reflection.

Durability:
The UHPC-Slimconcrete technology allows for the design of extremely durable, lightweight elements with a minimum structural cross-section that can withstand compression, bending, impact and wear.
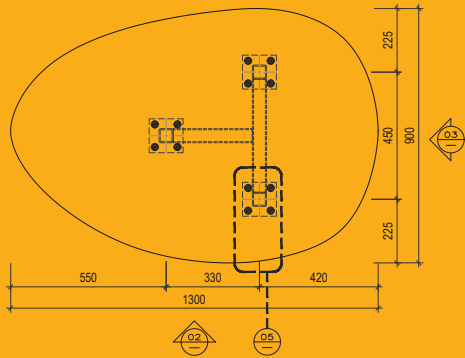
Ecological:
The lightness of the material minimises energy consumption and the use of raw materials in its fabrication. Its lightweight components make it easy and inexpensive to transport. Their 100% recyclable material composition optimises their life cycle.
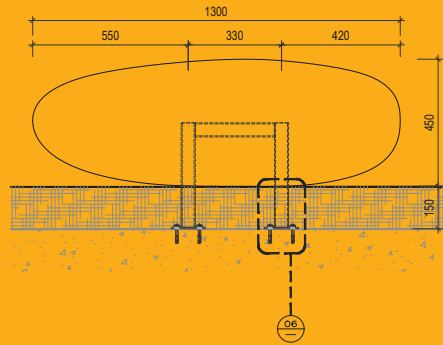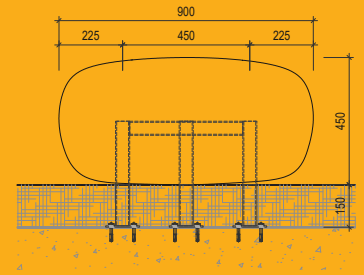
Product
Detail Drawing
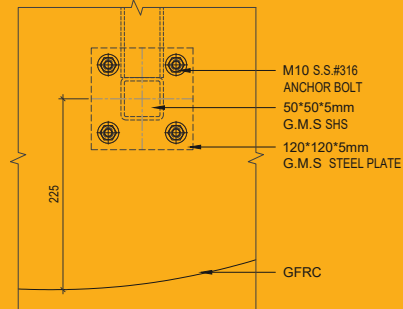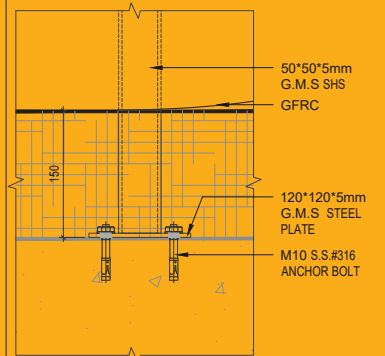
For Anchor installation

01 PLAN(A)

02 FRONT VIEW

03 SIDE VIEW

04 3D VIEW

05 DETAIL

M10 S.S.#316
ANCHOR BOLT

50*50*5mm
G.M.S SHS

120*120*5mm
G.M.S STEEL PLATE

GFRC

06 DETAIL

50*50*5mm
G.M.S SHS

GFRC

120*120*5mm
G.M.S STEEL
PLATE

M10 S.S.#316
ANCHOR BOLT

Product
Specification

Materials

Body : Ultra-High-Performance Concrete (UHPC)

Dimensions

Standard Size : 1300mm x D: 900mm x H: 450mm
        Weight : 386kg

* The Stone Seat can be customized size.

Color Options

White

Grey

Beige

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UHPC
STONE SEAT