



Perimeter Studies

This sequence of ten works, five structural and five solid, explores the geometry and spatial properties of the Platonic solids: the tetrahedron, cube, octahedron, dodecahedron and icosahedron. Shawcross explained that:

“I remember learning about the Platonic solids at primary school and was told there were only five and they each had a certain number of sides. It was not until much later, when I read a different definition, that they became a revelation to me. These solids are so important because they are the only way to divide the surface of a sphere equally. Once in possession of this knowledge, I was then able to exploit the radiant properties of the forms, pushing, pulling, and extruding the faces out from the centre.”

The works explore notions of expansion, entropy, growth, and retraction. Each is a universe in itself, seen from beyond its horizon. These structural and solid arrays allow their properties and geometries to be compared, contrasted and defined against each other, like musical notes within a score.