

# PRODUCT DATA SHEET

## TECHNICAL DATA

Physical Element	Test Method	SSPC AB1 Spec	ecoblast® Typical
Specific Gravity	ASTM C128	>2.5	3.6
Hardness	Mohs Scale	>6	7-8
Soluble Salts (Conductivity)	ISO11127-6	<100ms/m	<15ms/m (Max <25)
Moisture Content	ASTM C566	<0.5%	<0.5%
Oil Content	Observation	None	None
Free Silica	X-Ray Diffraction	<1%	<1%
<b>Chemical Element (XRF)</b>		<b>ecoblast® (typical)</b>	
Silica (as SiO <sub>2</sub> )		33%	
Alumina (as Al <sub>2</sub> O <sub>3</sub> )		30%	
Iron (as Fe <sub>2</sub> O <sub>3</sub> ) or Chrome (as Cr <sub>2</sub> O <sub>3</sub> )		22%	
Magnesium (as MgO)		13%	
Calcium (as CaO)		2%	


## DESCRIPTION

ecoblast® is a synthetically manufactured mineral that replicates, as closely as possible, the physical and chemical characteristics of naturally found garnet. It is a crushed gray, granular material, cubic in shape with multiple cutting edges. Like garnet, ecoblast® has a high resistance to shattering on impact which results in low dust operations compared to other expendable abrasives.

- Low particle breakdown
- Low dust
- Low consumption = lower CO<sub>2</sub> emissions
- Reduced paint consumption by correct profiles achieved for paint specification
- Environmentally safe, inert and non-hazardous

### **Standard Packaging Options**

- **1500kg Jumbo bags**
- **25kg bags packed 60 per unitised Jumbo bag**

EB Ecoblast® Typical Performance		Blasting Speed	Up to 35M <sup>2</sup> /hour
	Ecoblast EB grit is scientifically graded to achieve maximum blasting efficiency with surface profiles specified by 95% of industrial coating manufacturers. EB is suitable for all industrial maintenance of chemical plants, power stations, mining and processing equipment, gas and sewerage plants, desalination and industrial plants and marine vessels.	Dust Factor	Low
	Low dusting makes Ecoblast® suitable for tanks, pressure vessels and offshore platform decking.	Recyclability	5+
		Grades available	EB70 and EB90
		Consumption Rate	7 - 15kg per M <sup>2</sup>
		Profile range EB70	50-80 microns
		Profile range EB90	60-95 microns