

# Ozone PU Crete SL

## Medium duty polyurethane floor for aggressive environment

<b>Description</b>	Ozone PU Crete SL is a single layer, seamless, solvent free polyurethane flooring system with a smooth matt finish surface. <b>Colors:</b> Light Grey, Mid Grey, Slate Grey, Tile Red, Yellow, Magnolia, Blue, British Racing Green, Mushroom etc.			
<b>Uses</b>	Ozone PU Crete SL is used in situations subject to constant exposure to aggressive chemicals, high heat cleaning and mechanical abuses. Specially suitable for production and repair premises, workshop, dairies, laboratories, exhibition halls, power stations, chemical plants, beverage production, pharmaceutical, waste water treatment plants and food production and processing.			
<b>Advantages</b>	<ul style="list-style-type: none"><li>▪ High chemical resistance.</li><li>▪ High impact resistance .</li><li>▪ Easy to clean and sterilize anti-slip surface.</li><li>▪ High thermal shock resistance for hot water and steam cleaning.</li><li>▪ Wide service temperature -15°C to 80 °C.</li><li>▪ Quickly and easily applied by semi-skilled labor.</li><li>▪ High abrasion resistance for heavy vehicular traffic.</li><li>▪ Good alternative to expensive acid resistant tiles.</li></ul>			
<b>Technical Data</b>	Performance of Ozone Epocoat tested by immersion at 20°C against a range of aggressive chemicals. <b>Acids</b>			
Mixing ratio			A:B:C	1:1:4
Density(23°C/50% rel. Humidity)	BS 6319: Part 5	kg/dm <sup>3</sup>	2.	Compressive
strength	BS6319	N/mm <sup>2</sup>		60
Flexural Strength	BS6319	N/mm <sup>2</sup>	20	
Tensile strength	BS6319	N/mm <sup>2</sup>	10	
Curing time				
Light traffic	20°C	Day	1	
Full traffic	20°C	Day	2	
Full chemical cure	20°C	Day	7	
Shore A/Shore D			80-82	
Abrasion resistance	ASTM D4060 Taber	Abrader	50gmloss per1000 cycles	(1 kg load using Cs17wheels)
Adhesive bond strength	BS6319	Concrete failure		
Vapor permeability	ASTM E96:90	24 Hr(g/m2)	3	
Impact resistance	BS8204 Part1 Cat:A		(<0.5mm)	
Slip resistance	BS6677:Part 1 1986	Dry	100	
Fire resistance	Pendulum slip test Wet		Min 35	
	BS476-7:Surface		Class 2 Indicative	
<b>Packaging</b>	20kg			
<b>Storage</b>	Store in dry and cool place below 35°C. Protect from direct sunlight.			
<b>Shelf life</b>	12 months if store properly in original unopened packaging.			
<b>Instruction for use</b>	<b>Surface preparation:</b> The surface to be treated should be dry, sound and free from loose materials. New concrete should be at least 28 days old before application. Damaged or worn areas should be repaired using Ozone Epo Fair Crete. Any laitance should be removed by physical methods or by acid etching. Should the strength or the surface stability of the concrete base be in doubt, then we recommend a trial patch of Ozone PU Crete SL be applied to assess its suitability. On highly polished/power floated floors, mechanical preparation or acid etching will be necessary. <b>Priming:</b> All surface should be primed with a single coat of Ozone Epoprime.			

**Mixing:**

The base and hardener components of Ozone PU Crete SL should be thoroughly stirred before the two are mixed together. The entire contents of the hardener container should be poured into the base container and the two materials mixed thoroughly at least 3 minutes. Then C part poured gradually in mixed material. The use of a heavy-duty slow speed, flameproof or air driven drill fitted with a Mixing Paddle is desirable. Mix these components in the quantities supplied taking care to ensure all containers are scraped clean. Do not add solvent thinners at any time.

**Application:**

Pour the mixed material onto the primed and sealed surface, and spread to the required thickness using a pin screed, notched trowel or steel float. As soon as the material has been spread to the required level, the applied material should be rolled with a spiked roller to release entrapped air and remove trowel marks. Rolling should be continued until all air is released and a uniform color is obtained. The operator should always wear spiked shoes when using the spiked roller. Rolling should cease before the material begins to gel.

**Coverage:**

Ozone PU Crete SL : 1 m<sup>2</sup>/litre @ 1 mm Thickness

Ozone Epoprime : 5 - 6 m<sup>2</sup>/litre

**Cleaning & disposal**

Ozone PU Crete SL should be removed from tools and equipment with Ozone Solvent immediately after use. Hardened material can only be removed mechanically. Do not dispose off into water or soil but according to local regulations.

**Health & Safety**

Ensure adequate ventilation and avoid inhalation of vapors. Some people are sensitive to resins, hardeners and solvents. Wear suitable protective clothing, gloves, and eye protection. If working in confined areas, suitable respiratory protective equipment must be used. The use of barrier creams provide additional skin protection. In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately - do not induce vomiting.

**Fire**

Ozone Solvent is flammable.

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**WARRANTY:** Ozone products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale. Ozone makes no warranties, implied or otherwise, as to the merchantability or fitness for ordinary or particular purposes of its products and excludes the same. If any Ozone product fails to conform with this warranty, Ozone will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made period from the date of the claimed breach. Ozone does not authorize anyone on its behalf to make any written or oral statements which in any way alter Ozone's installation information or instructions in its product literature or on its packaging labels. The user of the Ozone products must test the products for suitability for the intended application and purpose before proceeding with the full application of the products.