



ECOCOAT ECLIPSE

Industrial & Construction

Ecocoat Eclipse is a REACH compliant ceramic coating that is formulated specifically for the extremely demanding industrial applications involving hazardous chemicals, oil & gas, and cement that requires good releasing property and chemical agent resistance. Synthesised using the latest nanotechnology, Ecocoat Eclipse creates a ceramic coated surface that highly reduces the need for maintenance and cleaning. Also great as adhesives for industrial use, wall and ceramic tile and antifreeze chemicals for glass, fillers in surface automotive repair work, cement waterproofing, chemicals



- High solids premium silica coating
- 10H hardness
- Ultimate gloss & shine
- Repels water, oil & dirt
- Specially developed for industrial use

PRODUCT DATA

VOC	:	25gm/l
Temperature Resistance	:	<200°C
Durability	:	1 year
Thickness	:	0.5 um
pH Tolerance	:	1-14pH
Contact Angle	:	100°
Active Material %	:	80%
Consumption	:	1ml/m ²

TEST

- Acid & Alkali (JIS K5400 (1990))
- Corrosion test (DA 621-415 & VW PV1210)
- Weathering test (ISO 11507)
- Water Immersion test (ISO 2812-2)
- Chemical Spot Resistance (ASTM D1308)
- Hardness test (ASTM D3363)
- Flexibility test (ASTM D522)
- Impact test (ASTM D2794)
- REACH test (SVCH)
- Material Analysis (HRTEM 255KX)

RESULTS

No visible damage
 Barely visible damage
 Change in color <1%
 Pass
 No effect
 Above 10H
 Pass 1/4
 No visible damage
 REACH compliant
 5.02 nm

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HARDNESS	:	● ● ● ● ●
SLICK	:	● ● ● ● ●
SELF-CLEANING	:	● ● ● ● ●
HYDROPHOBICITY	:	● ● ● ● ●
DURABILITY	:	● ● ● ● ●
GLOSS	:	● ● ● ● ●

ecocoat eclipse

Ecocoat Eclipse is a user - friendly ceramic coating system suitable for almost all types of surfaces. It is a high solids, micro - marring resistant, outstanding weathering resistance and excellent finish quality coating system. The consumption of the product will depend on the application method, approximately 1 - 5 ml/m² is sufficient for most applications, depending on the porosity and absorption of the surface.