

Jotashield ColourXtreme Silk

Substrate: Plaster/CMU/Concrete

Primer Coat

One coat: Jotashield Alkali Resistant Primer or Jotashield Penetrating Primer or Jotashield Water Based Penetrating Primer:

Vol. solids: 37±2 %

Filler Coat (Optional)

One/Two coats: Jotun block filler

Top Coat

Two coats: Jotashield ColourXtreme Silk

Vol. solids: 35 ±2 %

Properties

- **VOC content**
2.47 g/l (US EPA 24)
- **Determination of Carbon Dioxide (BS EN 1602-6)**
Equivalent Air Layer Thickness: R-value 97 m* (118) **
Equivalent of 400mm concrete: Sc Value 24 cm* (30) **
- **Determination of Moisture Resistance (EN ISO 7783-1)**
Water vapour transmission rate: 141.53 g/m²/24 hrs-avg)* (27.67 g/m²/24 hrs-avg) **
Equivalent Air Layer Thickness: 0.401 m* -avg (2.03 m ** avg)
- **Determination of Liquid Water Transmission (BS EN 1602-3)**
LW Transmission Rate: 0.033 kg/m².h^{0.5} * avg (0.05 kg/m².h^{0.5} avg)**
- **Crack bridging ability (ASTM C836/C1305)**
1.88 mm
- **Reduction in Water Absorption (BS EN 1602-3)**
99.85 %* (99.76) **
- **Dirt pickup resistance (dc – Dirt collection Index) (SS 500:2002)**
Dc Before washing: 97
Dc After washing: 98
- **Effect after 2500 hrs QUV weathering**
No Colour change or visible defect, i.e. cracking, chalking or blistering

- Properties are for the top coat only tested with Jotashield Penetrating Primer unless otherwise mentioned.
- When more than one result is presented one star* identifies the product being tested with Jotashield Alkali Resistant Primer and two stars** identify that the product is tested with Jotashield Penetrating primer.



Jotashield ColourXtreme Matt

Substrate: Plaster/CMU/Concrete

Primer Coat

One coat: Jotashield Alkali Resistant Primer or Jotashield Penetrating Primer or Jotashield Water Based Penetrating Primer:

Vol. solids: 37±2 %

Filler Coat (Optional)

One/Two coats: Jotun block filler

Top Coat

Two coats: Jotashield ColourXtreme Matt

Vol. solids: 38 ±2 %

Properties

- **VOC content**
6.7 g/l (US EPA 24)
 - **Determination of Moisture Resistance (BS EN 1602-6)**
Water vapour transmission rate: 157.40 g/m²/24 hrs-avg)* - (74.63 g/m²/24 hrs-avg) **
Equivalent Air Layer Thickness: 0.369 m -avg* - 0.775m avg **
 - **Determination of Liquid Water Transmission (EN ISO 7783-1)**
LW Transmission Rate: 0.068 kg/m².h^{0.5} -avg* - (0.027 g/m²/h^{0.05} avg) **
 - **Determination of Chloride Ion Diffusion (Vinci Method)**
1.10 x 10⁻¹⁰ cm²s⁻¹
 - **Crack bridging ability (ASTM C836/C1305)**
1.73mm
 - **Reduction in Water Absorption (BS EN 1602-3)**
99.66% * (99.86 %) **
 - **Dirt pickup resistance (dc – Dirt collection Index)(SS 500:2002)**
Dc Before washing: 98
Dc After washing: 99
 - **Effect after 2500 hrs QUV weathering**
No Colour change or visible defect, i.e. cracking, chalking or blistering
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- Properties are for the top coat only tested with Jotashield Penetrating Primer unless otherwise mentioned.
 - When more than one result is presented one star* identifies the product being tested with Jotashield Alkali Resistant Primer and two stars** identify that the product is tested with Jotashield Penetrating primer.