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Trial test report.
02.08.2006

Freeze/thaw testing of Dyebrick tinting fluid on terracotta.

Material: Dyebrick brick tinting fluid
Substrate: Hanson Red Bank TerraBlock
Colour: Red
Application: Applied by brush in two or three coats to two fired 440 x 215 x 90 mm terracotta blocks.
Pre-treatment: Overnight soak in cold water.

Freeze/thaw treatment to BS 402:1979 (Clay Roofing Tiles):

Water spray	10 minutes
Drain	2 minutes
Freeze to -15°C	150 minutes
Thaw to $+15^{\circ}\text{C}$	20 minutes

Result: After exposure to 85 cycles, there is no sign of any blemish or weakness in the tint surface, nor any sign of colour fading.
No damage or disfigurement is caused when the surface is scratched or rubbed.
Where small blemishes (lime blows) have come through from the terracotta body, there is no sign of flaking or other weakness of the tinted surface.

Signed:

A handwritten signature in black ink that reads "DG Willett". The signature is written in a cursive, slightly slanted style.

David Willett
Quality Assurance Manager