



TECHNICAL DATA SHEET – HPC 09 NU-GUARD ANTI-CARBONATION COATING

Carbon Dioxide Resistance: Air diffusion equivalent, R = 168 metres (at 75 microns film thickness) Test Certificate No. 4538 Research laboratories: Taywood Engineering Limited Taylor Woodrow Construction Ltd.

Class 1 of the EN ISO 7783-2 accreditation

NB Klopfer criterion for effective anti carbonation is R>50 metres

Water Vapour permeability: 78g/m²/24 hours (at 75 microns dry film thickness) Equivalent air barrier is 0.5 metres British Board of Agrément : BS7406

NB Klopfer criterion for effective breathable coating is R<4 metres

TECHNICAL DATA:

The following are typical values for Nu-Guard Anti Carbonation Coating applied at the minimum recommended application rate.

Volume Solids:

40%

Crack accommodation, BRE Test:

~1mm

Carbon dioxide diffusion resistance, BRE Test:

>50 metres of air barrier

Water vapour transmission DRAFT EN1062;2:

< 5 metres of air barrier

98 mile per hour wind driven rain test: TTC-C-555B:

Pass