



Nasahi® approves all coatings achieving the performance levels outlined below as suitable for use with its systems. It is the responsibility of the installer to ensure these specifications are met, an Installation Compliance Certificate is completed, and copies are submitted to both the builder and Nasahi.

Coating Performance Level

Test	Performance Requirement	Units
Water Transmission Resistance	<10	g/m ² /24hr/1kPa
Water Vapour Permeability	w. sd ≤ 0.2	kg/(m ² .h ^{0.5})
Co-efficient of Water Absorption	w ≤ 0.5	kg/(m ² .h ^{0.5})
Equivalent Air Layer Thickness of Water Vapour Diffusion	Sd ≤ 2	m
Durability	Minimum 7-year warranty	
Elasticity	Bridge a minimum crack width of 1mm	

Note: Minimum coating thickness specified by supplier may vary provided the above specifications are met. A coefficient of water absorption (w ≤ 0.5) means that minimal water is absorbed regardless of time period. A Coating with Sd ≤ 2m has less resistance to water vapour diffusion (escape) than a static 2m thick layer of air.

Surface Preparation

Before applying the coating system, the applicator must ensure that all required penetrations and fire collars have been correctly installed and Nasahi® Panels are dry and clean of debris/oil. Surface protrusions must be trimmed back and large imperfections filled with Nasahi® Panel Adhesive. Exposed reinforcing bars must be coated with Nasahi® Corrosion Protection Touch Up Paint.

RECOMMENDED COATING SYSTEM

Nasahi® recommends the following coatings be used on systems as they have been shown to meet the approved coating specification.

Recommended Coating System Example (External Walls)

External Corner Angles	32mm x 32mm Aluminium, PVC or Stainless Steel corner angles.
Primer Coat (to manufacturer specifications)	Primer/Sealer to enhance adhesion (if required by coating manufacturer)
Base Coat Render	High build acrylic, Portland cement-based render with minimum thickness of 3mm. This base coat must encapsulate the reinforcing mesh.
Fiberglass Reinforcing Mesh	165g/m ² Alkali resistant fibreglass mesh with minimum aperture 10mm square embedded into the base coat render.
Texture Coat	Cement based polymer modified dry powder or wet pre-mixed full acrylic texture coating with minimum thickness 1mm applied with trowel or float over base coat.
Paint	A minimum of two coats of 100% acrylic-based exterior paint should be applied to a thickness of 150um per coat, and have crack bridging capability of 5 times the total dry film thickness.



Note: Where coatings deviate from the recommended coating system outlined above, the coating must meet the approved coating specification and be warranted by the manufacturer.

