

Case Study

RENDER ONTO CARRIER BOARD

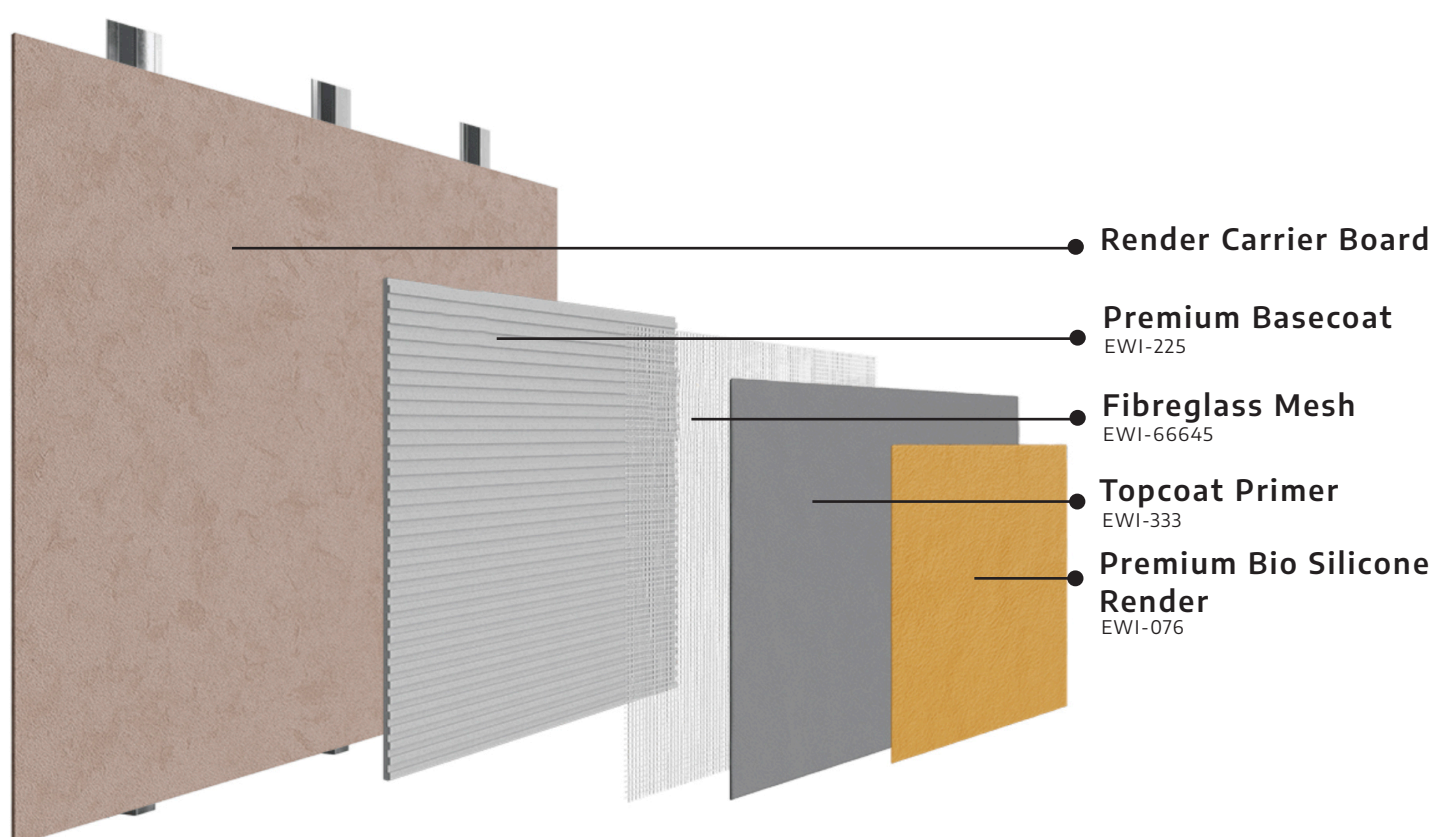


SUMMARY

- Substrate: Render Carrier Board
- U-Value Change: N/A
- Topcoat: EWI-076 Premium Bio Silicone Render - 1.5mm
- Basecoat: EWI-225 Premium Basecoat
- Colour: Traffic White - RAL9016
- Location: Newquay
- Installer: First Renderers Ltd



This exciting new build was constructed using a steel frame and completed with a decorative thin-coat system over render carrier board. Given their ability to withstand extreme weathering, movement and structure, render carrier boards provide an ideal foundation for thin-coat render systems; once the main structure is erected and has been fully boarded, the rendering process is relatively simple. As this large scale commercial project is in a high exposure zone, the specified system consisted of EWI-225 Premium Basecoat, 160+g/sqm alkali-resistant mesh and EWI-076 Premium Bio Silicone Render.



As above, the basecoat atop the render carrier board is embedded with fibreglass mesh to provide a reinforcing layer designed to prevent cracks. Per the architects' specification, the EWI-076 Premium Bio Silicone decorative topcoat was through-coloured RAL9016 Traffic White; the EWI-333 topcoat primer was tinted the same colour to ensure full consistency across the completed facade. What's more, not only can the Premium Bio Silicone render withstand additional forces such as wind and water driven in from offshore in high exposure zones, but it also has slow-releasing anti-fungal agents which will maintain the facade's fresh appearance.



Finished project (left)

Artist representation (below)



This project was specified by the EWI Pro Technical Team, the contractor and the final client. In summary, specification involved the following components:

- A1 fire-rated render carrier board
- Premium basecoat and reinforcing mesh layer
- UPVC system beads
- Through-coloured EWI-076 topcoat and tinted EWI-333 primer



Hotel Specifications

- New build
- 4-storey building
- 1,700 SqM facade
- 83 rooms
- 41 guest parking spaces
- Restaurant and bar located on ground floor
- Situated along seafront
- Located in Narrowcliff, Newquay, Cornwall TR7





EWIPro External Wall Insulation System

London

- 🏠 Unit 1, Kingston Business Centre,
Chessington, Surrey, KT9 1DQ
- 📞 08001337072
- ✉️ info@ewipro.com
- 🌐 www.ewipro.com

Aylesbury

- 🏠 Unit 22, Faraday Road
Bicester Road Industrial Estate
Aylesbury, HP19 8RY
- 📞 01296 821067