

Outsulation® Case Study



DRYVIT CREATES A STRIKING LOOK FOR UNIVERSITY OF PORTSMOUTH



Dryvit external insulation and finishing systems have helped create an aesthetically striking and contemporary building for the University of Portsmouth.

Richmond House, is a landmark building for the University. At seven storeys tall, the building not only has height, it has personality and a rather unique style.

The building has clean-cut aesthetics and a bright exterior with orange, yellow and pink opaque glazed panels placed in the windows and which are enhanced by the high quality finish provided by the Dryvit system.

Main contractor Fitzpatrick asked their architect, the TS Design Group, to consider the use of Dryvit EIFS in order that the striking external appearance could be achieved, “we required a top-spec product with design flexibility”, commented Malcolm Wilkes, Associate Director for TS Design. “In addition to the striking aesthetics Dryvit proved to be cost effective to install and its durability and dirt resistance will result in ease of maintenance.”

Dryvit cladding systems incorporate expanded polystyrene (EPS) insulation boards which are fixed to the substrate by a number of means such as a polymer modified cementitious adhesive, mechanical fixings or on PVC rails. The insulation

Project Name:
Richmond House, Portsmouth

Owner:
University of Portsmouth

Architect:
TS Design Group

Dryvit System:
Outsulation

Main Contractor:
Fitzpatrick

Dryvit Applicator:
Walltec Ltd.



boards are faced with a glass fibre reinforcing mesh embedded in a polymer modified cementitious base coat and finished with a hard wearing “dirt pick-up resistant” acrylic coating available in a wide variety of textures and in any colour imaginable.

At Richmond House Dryvit supplied Fiberock® Aqua-Tough™ sheathing, which was installed over the light gauge steel frame followed by adhesively fixed Dryvit Outsulation EIFS incorporating 50mm EPS insulation. This system provides a U-value of less than 0.35 W/m²K and ensured the new building exceeded current thermal insulation requirements, outlined by Part L of the Building Regulations.

To enhance the reflective colours of the window panels, Dryvit finish was chosen in sedate colours - natural white, pearl ash and gull grey.

The new Richmond building, which houses lecture theatres, seminar rooms, IT facilities and offices for students and staff at the University was completed at the end of 2003.

“The new building is a landmark structure,” commented Angela Chadwick, Press Officer for the University. “The contemporary façade, accentuated by the Dryvit system, projects the University of Portsmouth as a modern, state of the art, establishment.”



For more information about Outsulation or any of the systems and products sold by Dryvit UK, Ltd., call Dryvit Technical Services at 01462-819555 or visit us on the web at www.dryvit.co.uk