

DRYVIT OUTSULATION® AND ROXSULATION® BARRIER EXTERIOR INSULATION AND FINISHING SYSTEMS

Dryvit's Outsulation and Roxsulation are cost effective exterior insulation and finishing systems (EIFS) suitable for use on either new construction or refurbishment projects. The systems are based on a simple premise...insulation is more effective when placed on the exterior of a building.

By bringing insulation to the outside of external walls, these barrier EIFS eliminate thermal bridges; reduce air, wind and moisture penetration through the system; stabilise interior environments and minimise thermal shock.



Portsmouth University



Baggy House



Bertha James Court



Friendship House

BENEFITS

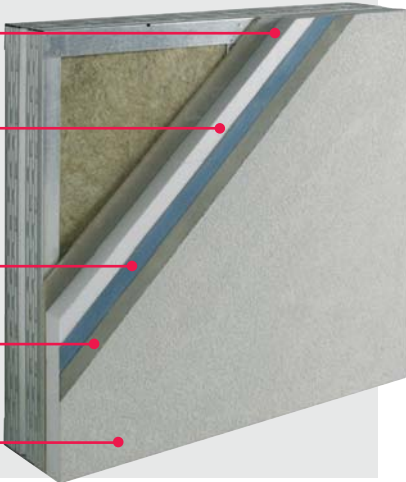
- **Design freedom.** Both systems can be installed over a variety of substrates. Expanded polystyrene (EPS) insulation is lightweight and can be cut or grooved to various shapes and surface patterns.
- **Energy efficiency.** Outsulation and Roxsulation enable new or existing buildings to meet strict energy efficiency requirements. Heating or cooling costs are demonstrably lower in lieu of other exterior materials.
- **Weatherability.** Dryvit EIFS are formulated to provide the utmost in weather protection, providing a resilient barrier against the elements.
- **Durability.** The combination of system components provide unsurpassed long-term durability meeting design requirements for use in virtually any location.
- **Aesthetics.** Dryvit finishes are available in a wide array of textures in both standard and custom colours. Our speciality finishes enable designers to replicate a variety of real stone or brick finishes from limestone to granite at a fraction of the cost.
- **Cost effective.** Outsulation and Roxsulation are easily adapted to complex project details. Installation is rapid, and routine maintenance is minimal.
- **Testing.** Independently certified by BBA and other international test bodies. Dryvit manufacturing plants are ISO 9001:2000 certified, demonstrating the highest standards of quality and consistency.



DRYVIT OUTSULATION® SYSTEM:

A polymer-based barrier external wall insulation system incorporating EPS 70E grade expanded polystyrene (EPS) insulation. British Board of Agrément Certificate No. 98/3548 Detail Sheet 2. NBS Specification Clause - M21

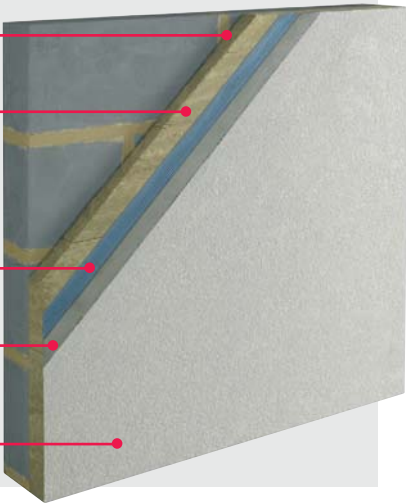
1. Fixing Method - Genesis™ adhesive and/or mechanical fixings (depending on substrate)
2. Expanded Polystyrene Insulation
3. Dryvit Reinforcing Mesh - Glass Fibre - weight/s depending on impact resistance
4. Dryvit Genesis™ or NCB™ base coat
5. Dryvit PMR finish - from standard or speciality finish ranges



DRYVIT ROXSULATION® SYSTEM:

A polymer-based barrier external wall insulation system incorporating mineral wool (slab or lamella) insulation. British Board of Agrément Certificate No. 98/3548 Detail Sheet 3. NBS Specification Clause - M21

1. Fixing Method - Genesis™ adhesive and/or mechanical fixings (depending on substrate)
2. Mineral Wool Lamella or Slab insulation
3. Dryvit Reinforcing Mesh - Glass Fibre - weight/s depending on impact resistance
4. Dryvit Genesis™ or NCB™ base coat
5. Dryvit PMR finish – from standard or speciality finish ranges



SUBSTRATE TYPES

There are many construction materials, which can be utilised as effective substrates with the Outsulation and Roxsulation systems on either solid or framed construction. Common substrates include, in-situ concrete, pre-cast concrete, blockwork, brick, render, Wimpey No-fines, exposed aggregate panels plus a wide range of sheathings carried on both timber and light gauge steel stud.

For guidance on substrate tolerance and the correct fixing method to withstand thermal stresses and wind pressures (including suction) to satisfy BS 6399: Part 2 please consult Dryvit UK Ltd.

APPLICATION

Application of the systems are carried out by Specialist Installers employing operatives who have been trained in the use of Dryvit materials. In addition Dryvit are committed to providing on site support to their network of Specialist Installers when called upon.

Details of recommended Specialist Installers are available from Dryvit UK Ltd.

THERMAL PERFORMANCE

U-value and condensation risk calculations are carried out by Dryvit upon request to ensure that the correct thickness of insulation is specified for each project to meet target requirements. U-values calculations can then be incorporated within the buildings target SAP calculation.

Thermal resistivity values of insulation

Outsulation - expanded polystyrene - 0.038 W/mK

Roxsulation - mineral wool insulation - 0.036 – 0.040 W/mK

STANDARD DETAILS

Standard details are available for both Outsulation and Roxsulation systems and can be downloaded from www.dryvit.co.uk.

Dryvit offers a CAD service to produce bespoke details in line with specific project needs.

FINISHES

Dryvit 100% acrylic finishes contain quartz aggregates of various sizes and use Dirt Pickup Resistant (DPR) and Proven Mildew Resistance (PMR™) chemistry, ensuring the highest standard of fade resistance and ensuring low maintenance.

The standard finish range is available in five different textures with over 360 chart colours to select from. If your desired colour is not available from our standard finish range then we have a colour matching service that will be sure to satisfy your requirements. Even the look of natural stone, granite and brick is possible from our range of speciality finishes.

STANDARD TEXTURE RANGE



CUSTOM BRICK™



LYMESTONE™



TERRANEO®



WARRANTY



- Standard 10 Year "Dryvit Warranty" available on all projects upon written request.
- 10 Year third party insurance backed warranties covering materials and installation –extended periods available.
- 'Back to Back' warranties available on request from partnering material suppliers and installers.

For more information on warranties please contact Dryvit UK Ltd. Or visit our web site www.dryvit.co.uk.

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