



PRESS RELEASE

Baumit's openSystem external wall insulation lets go of moisture and keeps hold of airtightness

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Global building materials manufacturer, Baumit, has created an external wall insulation solution, which allows walls to breathe, and has helped buildings to reach Passive House standards for thermal performance.

Baumit openSystem uses unique open-air technology to produce external wall insulation that retains heat and improves energy efficiency to create the optimal living conditions all-year-round. With openSystem, which is unique to Baumit, perforated Expanded Polystyrene (EPS) façade insulation boards ensure high vapour permeability, resulting in the release, rather than the entrapment, of water vapour. This ingenious process has the added benefit of having no effect on a building's airtightness.

Ben Warren, Managing Director at Baumit Ltd, said: "OpenSystem is all about creating internal comfort. This is an exceptional system for solid walls, which when wet, are liable to retain moisture. With an openSystem, all the moisture is driven out. It helps maintain the building's superb exterior aesthetic whilst upholding its interior thermal properties."

OpenSystem comprises six, high-quality vapour permeable components. It includes Baumit NanoporTop, an innovative self-cleaning topcoat render which uses 'photokat' photocatalysis technology to create optimum protection against contamination using the power of light.

The system is also made up of Baumit PremiumPrimer, a superior quality primer for pre-treatment of hard or non-absorbent mineral substrates; and the aforementioned EPS boards. When applied as part of a new-build or refurbishment project, each component helps increase a structure's 'breathability' to collectively offer outstanding levels of insulation.

For a stunning aesthetic finish to the high-performance system's façade, the Baumit Life colour programme has an incredible 888 colours to choose from, allowing customers to select the ideal render to complement the perfect external wall insulation solution.

Ben Warren added: "OpenSystem is ideal for high-performance, new-build or refurbishment projects requiring Passive House standards of thermal performance. It's not only a high-quality, external wall insulation solution, it's a cost-effective alternative to breathable wood-fibre systems."

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