

PRESS RELEASE APRIL 2019

NEW ULTRA-THIN A2 AEROGEL INSULATION WITH SUPERIOR PERFORMANCE



A. Proctor Group, renowned for providing high-quality membrane solutions for controlling the heat, air and moisture movement in buildings (HAMM), has launched a new vapour permeable insulation, which offers superior thermal performance and fire protection behind cladding.

Spacetherm® Slentex A2 is the result of extensive research and development to produce a vapour permeable insulation with an A2 fire rating classification. The new insulation is classified as Class A2, s1 –d0 according to the Euroclass system, which classifies the reaction to fire performance of building products.

Spacetherm Slentex A2 is a flexible, high-performance, silica aerogel-based insulation material of limited combustibility suitable for use in exterior and interior applications. Supplied in a variety of finishes, the substantial layers of Spacetherm Slentex A2 meet the requirements for A2 classification (insulation, MgO and plasterboard).

The product optimises both the thermal performance and fire properties of façade systems, enhancing the thermal performance of the ventilated façade and addressing thermal bridging in the façade. It is also useful in minimising thermal bridges around windows in areas such as window reveals.

With a thermal conductivity of 0.019 W/mK, Spacetherm Slentex A2's performance credentials qualify it as one of the best insulation materials available worldwide. Engineered for space-critical applications, the product offers low thermal conductivity, superior compression strength, plus breathability allied to hydrophobic characteristics.

System benefits

- Class leading fire performance from an Aerogel insulation
- Superior thermal performance
- Limited combustibility
- Water vapour diffusion open
- Permeable
- Flexible
- Thinnest Aerogel insulation available

Spacetherm Slentex A2 is available in a range of laminates utilising MgO and plasterboard as well as in a cold bridging strip format.

View more Spacetherm case studies at www.proctorgroup.com
contact@proctorgroup.com

Tel: +44 (0) 1250 872261