

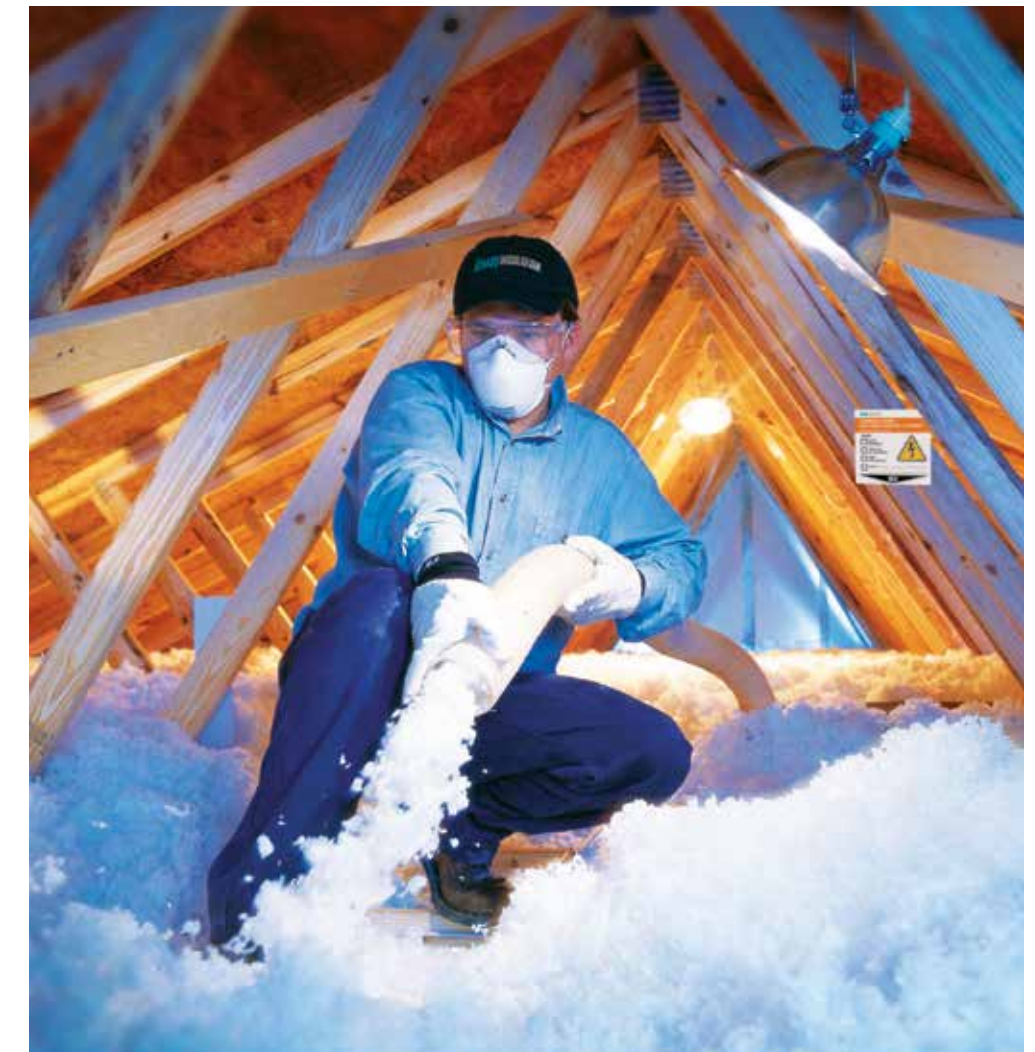


# SPACE MISSION

*Energy-draining homes come in all shapes and sizes, but Knauf Insulation's Blowing Wool range offers the ideal solution for every building. SUPAFIL, part of our professional Blowing Wool range, is non-intrusive for the homeowner and designed to save installers time and effort.*



**SUPAFIL being installed at a home in Spain through the outside, meaning minimum disturbance to the homeowners.**



**SUPAFIL can fill hard to reach loft space.**

Putting the regulatory framework in place is one challenge, the next is physically renovating the existing building stock. It's not going to be easy. The state of the building stock is complicated: not only are buildings built differently around the world, even inside the same country houses have different construction methods, built during different periods, with different technologies and according to different building codes. And as we start to try to go back and renovate houses to a higher level of efficiency, we are uncovering problems we never knew existed. Through our research of the building stock in the UK, for example, we found that the void between two terrace houses, which was thought to be an insulating divide, in fact lead to convection heat loss. These voids now need to be filled. Accessing and filling such voids, empty cavities and hard to reach loft areas is not easy. Traditional methods have been invasive, messy and time-consuming to such an extent that they put most people off renovating.

By developing SUPAFIL, our specially designed virgin (binder-free) blown glass wool insulation solution, Knauf Insulation can fill the most inaccessible spaces with high quality insulation quickly and efficiently with little or no disturbance to the building. SUPAFIL is a bespoke Glass Wool product designed to be practical and efficient for installers and convenient for home owners. Furthermore, testing and certification show that SUPAFIL features a high acoustic performance and an A1 Euroclass level fire resistance. SUPAFIL is durable, lasting as long as the building itself and

in the UK, Belgium and the Netherlands SUPAFIL comes with a 25-year guarantee that is fully certified by a number of well-known building authorities such as BBA and Komo. And all these benefits have not come at a sacrifice to the strong environmental characteristics of Knauf Insulation products. SUPAFIL is the first blown insulation to meet the Lambda 90/90 requirement, offering homeowners the assurance of real performance. SUPAFIL also achieves Eurofins Indoor Air Quality 'Gold' (EU), 'A+' Glass Mineral Wool from the BRE Green Guide rating (UK), 'A+' for indoor air emissions (France), as well as Blue Angel (Germany). What's more, SUPAFIL is manufactured using up to 60% recycled glass.

In Spain, SUPAFIL is helping homeowners fill their cavity walls through the outside of their homes, overcoming the issue of the invasiveness of renovation, which was previously deterring renovation in Spain. SUPAFIL is also increasingly popular amongst installers in France, due to the ease and speed of installation, particularly for hard to reach lofts as well as timber frame constructions. "The RT 2012 is an extremely challenging thermal requirement for buildings here in France that we are beginning to see being implemented. Builders have never had to reach this level of efficiency before and in times of economic crises, time is money," says Jean-Jacques Pontailier, Managing Director for Knauf Insulation France. "SUPAFIL has all the characteristics of high performing insulation, but the fact that you can insulate a whole house in as little as two days is very attractive." ■