



**SYNTHESIA S-303
FOR THIS MONSTER
NEW BUILD AT
CONSTANTINE BAY,
CORNWALL**



Already facing a large undertaking in completing this ultra-modern, expansive property, Andrews and Mills Construction needed some expertise on how best to insulate this complicated construction without jeopardising on the material's thermal efficiency, the airtightness of the building and most importantly the speed of installation! Synthesia S-303 ticked all of the boxes and offered unrivalled efficiency in all areas.

Along with speed of installation, another benefit of utilising spray foam insulation

was its ability to easily fit the curvature of complicated designs, creating a seamless airtight blanket. To do this with most other forms of insulation, would have resulted in a compromise of the thermal efficiency or the airtightness! In today's new build industry this is difficult to comprehend. The whole installation was completed in a total of 5 days, by 2 installers. The project manager for the build, estimated that if traditional insulating materials were used, that it would have resulted in a 3 man team spending 3 weeks carrying out the works!



Here are some of the key benefits that were noted after choosing Synthesia S-303:

- The R-Value of 0.22 WM2K meant that its insulation abilities were unrivalled by any traditional materials such as fibreglass or PIR boarding.
- Due to its closed cell material it added racking strength to the structure as well as inhibiting moisture ingress in the future.
- The speed of install, meant it took a quarter of the time it would have taken if a more traditional insulation was used.
- It comes with a 25 year warranty to protect your financial investment.
- It will improve the homes air quality and create an even temperature throughout the property.
- It aids in enhancing the value of the property by reducing the EPC rating.
- It drastically reduces noise intrusion like no other standard insulating on the market.

This install was carried out by our leading team in the South West; Protec Insulation.

Case Study by:

