

Sustainability.

Our homes are designed and built to the Passivhaus standard. This ensures an exceptionally comfortable living environment with the lowest possible energy demand. We then off-set this demand with on-site renewables and battery storage to eliminate running costs



Materials

We use timber for our building structure and have cut our reliance on imported engineered products, preferring to support the market for native timber sourced as locally as possible.

We offer a variety of biobased materials for our exterior and interior finishes. This approach reduces our environmental impact but also delivers beautiful, tactile and hardwearing results.

We try to avoid the use of disruptive high impact materials wherever possible, so have developed a concrete and steel free ground floor system and prefer to avoid the use of brick and render.

We have a strict responsible sourcing policy.



Technology

Passivhaus homes are completely draught free and feature heat recovery ventilation systems that run continuously in the background and provide constant fresh air. They also result in mould and dust free environments and require very little maintenance. We also ensure that our homes can be naturally ventilated as-well to ensure maximum flexibility.

Other low and zero carbon technologies that we use are air and ground source heat pumps, PV panels and battery storage.

We knit all of this together with a KNX control system that ensures optimal efficiency of the various interlinked technologies.



Water

We design with water efficiency in mind at point of use and offer grey and rainwater recycling on a site by site basis.



Zero waste

We have designed for maximum efficiency of material use in construction. We also operate a zero plastic and zero waste to landfill policy during manufacture and on site.



End of life

Our building system has been designed to be de-constructed for end of life re-use.