

HSDC Havant College

Sustainability & BREEAM Objectives

BREEAM is one of the world's leading sustainability certifications for the built environment, so through its use on the new proposed development naturally proves the sustainable credentials of the building.

The strategy set out in the BREEAM pre-assessment has been collaborative throughout the early design stages, with input from all design team members to ensure that the design meets all regulatory and policy requirements as set out by Havant Council's sustainability policies, and HSDC's Environmental Sustainability Policy.

The overall aim of the strategy is to ensure that the targeted credits provide representation of the material aspects of the development that increase sustainability, as opposed to targeting credits that relate to soft measures and theoretical studies.

One of the heaviest weighted sections of the chosen BREEAM strategy is the targeting of 6/8 credits for ENE 01, which is based purely of the results of the BRUKL. By targeting this number of credits for this section, the design team is working towards a significant reduction in CO2 emissions, when compared to a Building Regulations Part L target, which puts the building well on its way to achieving net zero emissions. The target of achieving 6 credits, means a minimum performance level of a 45% reduction over Building Regulations Part L (2021), which is well over the minimum standard required to achieve a BREEAM 'Very Good' rating.

Another practical example of the BREEAM strategy providing physical improvements to the building's sustainability is through the limiting of environmental impact of construction materials through the targeting of credits in sections MAT 01 & MAT 03. Through utilization of these credits in the BREEAM strategy, the embodied carbon and supply chain sustainability performance of the specified building materials will be maximised, to ensure that all related carbon emissions to the construction of the building will be minimised wherever possible.

Overall, by achieving a Very Good BREEAM rating, the new building at HSDC's Havant Campus will position the building as a top 25% performing building globally in terms of its sustainability, and will provide a great addition for all students and staff at the campus.