

tuffbed 2-pack

TYPE 35 LOW CARBON BEDDING MORTAR

Steintec[®]
high performance paving mortars

www.steintec.co.uk
0203 598 9800



Steintec's
GREEN BAG
Is Now Even
GREENER



EMBODIED CARBON: 167.2 kg CO₂ /t

REDUCTION: 28.7%

tuffbed 2-pack's embodied carbon reduction is valid from bags produced April 2024 onwards.

A BEDDING MORTAR WITH A REDUCED CO₂ FOOTPRINT

Steintec has reduced the embodied carbon of its tuffbed 2-pack bedding mortar by almost 30%.

Already a low carbon product because of the low cement content and none of the typical high energy process needed for drying aggregates tuffbed 2-pack is widely recognised for its superior performance over the requirements of BS 7533-101. However, Steintec were curious to find out if further improvements could be made.

Through research with BRE (Building Research Establishment) Steintec were able to make improvements in the supply chain, haulage and manufacturing to further reduce embodied carbon by 28.7% to 167.2 Kg CO₂ per tonne.

tuffbed 2-pack's newly reduced embodied carbon value of 167.2 kg CO₂ /tonne compares to a typical value of 220.0 kg CO₂ /tonne for other commonly used bedding mortars

BRE has highlighted this significant achievement by showcasing a case study demonstrating how a proactive manufacturer can reduce embodied carbon in its products through research and development.

The Verified EPD (Environmental Product Declaration) was produced to EN 15804 and is published by BRE. It is available from Steintec on request.

PRO LANDSCAPER
SUSTAINABILITY & BIODIVERSITY AWARDS
THE FUTURE OF LANDSCAPING
2024 RUNNER UP