

Case Study



HS2 ALIGN

Details

Location	Align Compound, South Portal. United Kingdom
Description	Shoring Tower footing
Date of project	2024
Manufacturer	Basalt Technologies UK Limited, Lancaster Business Park, Cublington Road, Wing, Buckinghamshire LU7 0LA, www.basalt-frp.co.uk
Contractor	ALIGN JV - TTFX (Bouygues Travaux Publics, a subsidiary of Bouygues Construction, Sir Robert McAlpine, and VolkerFitzpatrick, a subsidiary of VolkerWessels) Client: HS2
Type of composite used	Bastech® Basalt FRP rebar mesh 3 m x 3 m (16mm x 70mm cc)
Performance in service	Superior strength and easy handling of the material, lower embodied carbon