

FRS60

Ubbink Solar Flat Roof Mounting System



Design and performance

The Ubbink Solar Flat Roof Mounting System is designed to position photovoltaic (PV) modules facing south at the ideal angle for maximum energy generation. This modular, ballasted system sits securely on flat roofs without the need for any roof membrane penetrations, ensuring a watertight and reliable installation. Engineered for quick and easy installation. The Ubbink FRS60 model provides a robust and flexible solution for mounting solar PV panels. The console is designed to be used without ALU rails, offering a simplified setup while maintaining strength and stability.

Please note: The maximum length of solar panel that is compatible is 1750mm.

Key Features

- Lightweight and durable construction
- Compatible with most solar PV panel types
- Fast and straightforward installation process
- Optimised 15° tilt angle for maximum solar yield

Material/Colour

Console: HDPE/Black

Fixings: Aluminium/Silver



Ubbink FRS60 Ballast Guidance Table

Location	Zone	Tilt	Approx Ballast
Midlands / SE England	Central	15°	20–30 kg/m ²
SW England	Central	15°	25–35 kg/m ²
Northern England	Central	15°	30–40 kg/m ²
Wales	Central	15°	35–45 kg/m ²
Scotland (urban/lowland)	Central	15°	40–50 kg/m ²
Scotland (highland/coastal)	Central	15°	50–70 kg/m ²
Northern Ireland	Central	15°	35–45 kg/m ²
Any	Edge/corner	15°	50–80 kg/m ² +

Ballast figures shown are indicative estimates for pre-design guidance only. They do not constitute a structural calculation and are not compliant with BS EN 1991-1-4. All final ballast specifications must be determined by a site-specific wind load calculation carried out in accordance with BS EN 1991-1-4:2005 and the UK National Annex, by a suitably qualified engineer

