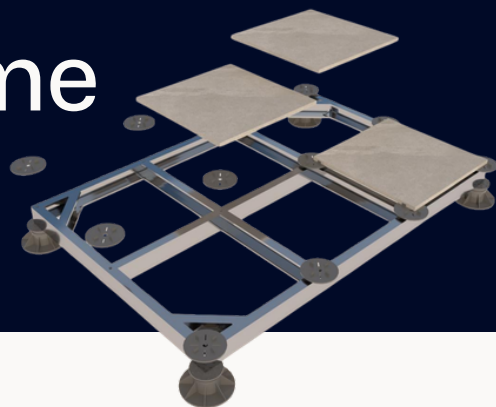




SkyFrame



PRODUCT OVERVIEW

- Engineered for roof terraces, podiums, and inset balconies – delivering structural precision and design flexibility
- Fast installation through modular, pre-manufactured components
- Off-site manufacture ensures accuracy, speed, and minimal site disruption
- Customisable and adaptable to any project layout or architectural vision
- Provides full design freedom for specifiers and contractors
- Non-corrosive materials guarantee long-term durability and low maintenance
- Eco-friendly construction using recyclable components and efficient resource use
- Structurally strong – supports pergolas and outdoor structures without penetrating or compromising the waterproofing layer
- Integrated wind-uplift solution for exposed rooftop environments
- Optional water-harvesting system for sustainable drainage and reuse
- Fully non-combustible: Euroclass A1 fire-rated
- 25-year Warranty*

*Valid with use of the complete SkyFrame System

TECHNICAL SPECIFICATION

STRUCTURAL LOAD

- Supports typical roof terrace live loads (per structural engineer requirements)
- Residential: 2.0–2.5 kN/m²
- Communal/commercial: 4.0 kN/m²
- Load distributed through modular galvanised steel frame to adjustable supports
- Suitable for porcelain paving, decking, furniture, planters

DEAD LOAD

- SkyFrame subframe: 12–18 kg/m²
- Porcelain paving: 40–50 kg/m²
- Typical total system weight: 55–70 kg/m²

TYPICAL BUILD HEIGHTS

- Minimum build-up: 60–80 mm
- Typical terrace build-up: 100–200 mm
- Maximum build-up: 300+ mm (support-dependent)
- Enables levelling over roof falls and drainage gradients.

FRAME SPANNING & GRID

- Typical grid spacing: up to 1800 mm centres
- Designed for 20 mm porcelain or other finishes
- Optimised to prevent deflection and maintain surface stability

DRAINAGE PERFORMANCE

- Free-flow drainage beneath raised surface
- Surface joints allow natural runoff to roof outlets
- Maintains original roof drainage strategy
- Reduces standing water and ponding



SkyFrame

WATERPROOFING PROTECTION

- Zero penetration of roof membrane
- Frame sits on protective pads or adjustable supports
- Load spread across multiple contact points
- Minimises risk to waterproofing systems

SERVICE VOID

- Creates continuous service zone: typically 50-100 mm
- Allows routing of lighting, irrigation, drainage, power
- Panels can be lifted for maintenance access

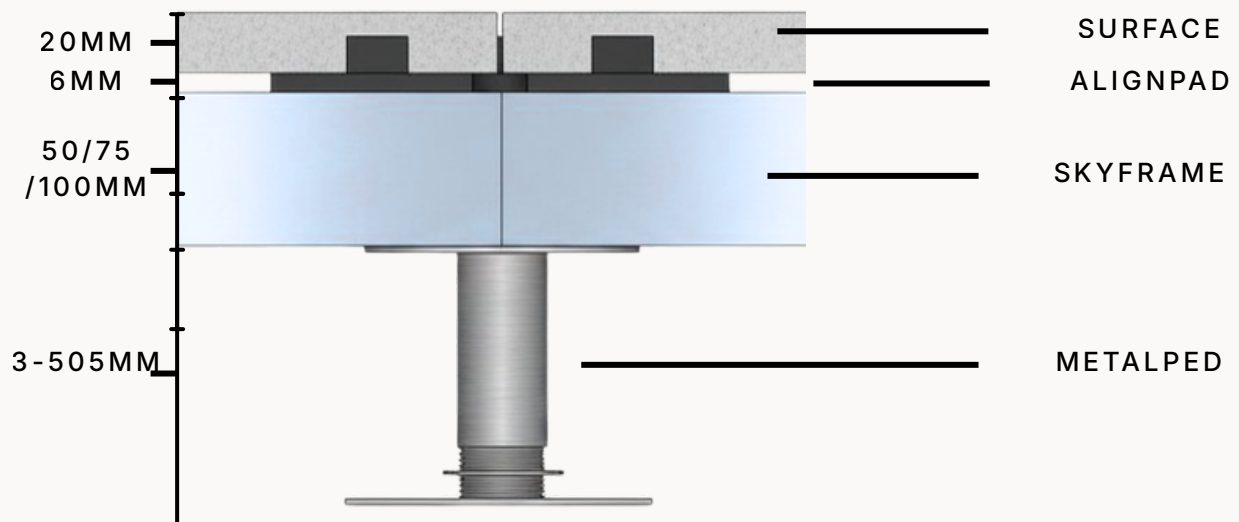
DURABILITY

- Galvanised steel construction
- Resistant to rot, warping, moisture degradation
- Typical design life: 25+ years (environment-dependent)

INSTALLATION EFFICIENCY

- Typical installation speed: 30-50 m²/day per team (project dependent)
- Faster than traditional patio construction

SYSTEM BUILD UP





SkyFrame

COMBINED WITH WIND UPLIFT SOLUTION

TileTite an industry leading innovation, patent pending product that is fixing roof tops in the UK at speed, wind resistant and very user friendly out stripping all other solutions on the market.

- **Wind Uplift Protection:** Provides a strong bond to prevent tiles from being lifted by strong winds.
- **Weather-Resistant:** Formulated to withstand extreme weather conditions, including rain, snow, and UV exposure.
- **High Adhesion:** Strong adhesive properties designed for outdoor tiles and pedestals.
- **Flexible Application:** Suitable for various tile materials including porcelain, ceramic, and stone.
- **Quick Setting:** Fast-drying, reducing installation time and minimizing exposure to the elements.
- **Waterproofing Compatibility:** Can be used with waterproof membranes to prevent water ingress beneath tiles.

SYSTEM COMPONENTS

PEDESTAL	SURFACES	TILETITE	BASEPAD
			