



SkyFrame Micro PlasticPed



PRODUCT OVERVIEW

SkyFrame Micro PlasticPed streamlines roof-terrace installation by eliminating bedding sand and piers, improving drainage, reducing efflorescence and algae, and ensuring simple access to membranes. Its built-in ventilation layer boosts heat and sound insulation.

KEY FEATURES



**ADJUSTABLE
HEIGHT**

SkyFrame Micro Pedestals offer precise height adjustment, allowing for easy leveling on uneven surfaces.



DURABLE

Made from high-strength, weather-resistant materials, ensuring long-lasting performance.



**EASY
INSTALLATION**

Quick and straightforward installation process, saving time and labor costs.



**LOAD
CAPACITY**

Engineered to support substantial weights, providing robust support for decking systems.



**VERSATILE
APPLICATION**

Suitable for a wide range of surfaces, including concrete, wood, and metal.

DETAILS

PARAMETER	SPECIFICATION
MATERIAL	High-density Recycled Polypropylene
HEIGHT RANGE	12mm to 44mm (varying with accessory selection also) (After this height use SkyFrame PlasticPed Standard)
LOAD CAPACITY	20kN
BASE DIAMETER	154mm/ 172mm(with Slope Corrector)
SPACER TAB HEIGHT	15/25mm
SPACER TAB THICKNESS	3mm
UV RESISTANCE	Yes
BIOLOGICAL / CHEMICAL RESISTANCE	Unaffected by moulds and algae- Good resistance to alkali and bitumen



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HEIGHT RANGE

HEIGHT RANGE	SKYFRAME CODE
12-18mm	SF-MPED-S11
17-23mm	SF-MPED-S12
23-29mm	SF-MPED-S22
30-44mm	SF-MPED-S33

APPLICATIONS

- Rooftop Decking: Ideal for creating flat, stable surfaces on rooftops.
- Terraces and Balconies: Perfect for leveling outdoor leisure areas.
- Temporary Flooring: Suitable for events and exhibitions requiring temporary, elevated flooring.
- Industrial Platforms: Can be used to support machinery and equipment on uneven ground.

INSTALLATION GUIDELINES

1. Prepare substrate and membrane Ensure the roof build-up and waterproofing membrane are fully installed, clean, and free from debris.
2. Set out pedestal positions Mark the grid layout according to SkyFrame or Paver size, allowing for joints and drainage gaps.
3. Set out the SkyFrame BasePad marking where the PlasticPeds are to be positioned
4. Place Micro PlasticPed Pedestals on to SkyFrame BasePad on the membrane at each grid point, avoiding laps and upstands.
5. Adjust height Use the integrated adjustment features to set the required finished level and falls.
6. Place SkyFrame or Pavers onto the pedestals, checking alignment and joint spacing.
7. Check stability and drainage Confirm all units are stable, surfaces are level to design, and drainage paths remain clear.
8. Final inspection and access Verify easy lift-off access to the membrane and services for future maintenance.

*For installing this system with our Wind Uplift Solution please use the Wind Uplift TileTite Installation Guide

MAINTENANCE

- Regular Inspection: Periodically check for signs of wear or damage.
- Cleaning: Clean the pedestals with mild soap and water to maintain appearance and performance.
- Adjustments: Re-adjust heights as necessary to accommodate settling or environmental changes.

SAFETY CONSIDERATIONS

- Ensure that the pedestals are used within their specified load capacity.
- Follow all installation guidelines to prevent structural failure.
- Use appropriate safety gear during installation and maintenance.



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SYSTEM COMPONENTS

SKYFRAME	PLASTIC PED	TILETITE	BASEPAD
			

SKYFRAME CONTACT INFORMATION

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DISCLAIMER

All technical data is provided as guidance only. Installers must ensure suitability for specific site conditions. SkyFrame reserves the right to update specifications without notice.