



# SkyFrame MetalPed



## PRODUCT OVERVIEW

SkyFrame MetalPed is a precision-engineered adjustable pedestal system designed for porcelain, natural stone, and composite surface installations. Built from high-strength metal components, MetalPed delivers exceptional stability, load performance, and long-term durability across residential, commercial, and structural applications.

Engineered for compatibility with the full SkyFrame surface ecosystem, MetalPed integrates seamlessly with SkyFrame Surfaces and SkyFrame systems to create a reliable, modular installation platform.

## KEY FEATURES

- High-strength metal construction for superior load capacity
- Precision height adjustment for accurate levelling
- Engineered for rooftop, podium, balcony, and terrace applications
- Compatible with a range of KeyStone/SkyFrame porcelain options and natural stone ranges
- Corrosion-resistant finish for long-term performance
- Acoustic and vibration-reducing design
- Fully recyclable metal components

## TECHNICAL SPECIFICATIONS

| Property         | Value                                                                                                                                                                                                                                                                                              |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Base Diameter    | Cold-formed mild steel base plate (100 × 100 × 3 mm) precision-welded to a 1" OD mild steel support tube, fully threaded along its entire length.                                                                                                                                                  |
| Head Diameter    | 90 mm diameter × 3 mm mild steel disc, welded to a 1¼" OD mild steel tube, reduced at one end to accept the mating thread of the base. <ul style="list-style-type: none"><li>• HOS-H5: compatible with screw-down panel</li><li>• H5E-H14: compatible with screw-down panel and stringer</li></ul> |
| Adjustment Range | Available in heights from 25 mm to 600 mm, each with generous built-in adjustment.                                                                                                                                                                                                                 |
| Nut              | 3 mm mild steel pressing, tapped to engage directly with the base thread..                                                                                                                                                                                                                         |
| Finish           | All components are zinc-plated and gold-passivated after assembly. Specialised finishes are available for enhanced protection against zinc whiskering.                                                                                                                                             |
| Tolerances       | All component threads are manufactured to long-established flooring and fastener industry tolerances, ensuring a reliable fit for rapid installation without compromising strength or rigidity.                                                                                                    |
| Testing          | All relevant PSA tests—T5, T8, T15 and T16—are performed both in-house and externally to verify pedestal performance. Full test documentation is available upon request.                                                                                                                           |



# SkyFrame MetalPed

## INSTALLATION GUIDELINES

### Substrate Requirements

- Suitable for concrete, membrane, insulation, or structural decking
- Ensure substrate is stable, clean, and free from debris

### Placement & Levelling

1. Position MetalPed units according to paver size and load requirements.
2. Adjust height using the precision thread mechanism.
3. Ensure all pedestals are level before placing surface materials.
4. Use perimeter spacers where required.

### Paver Compatibility

1. KeyStone Natural Stone Slabs
2. KeyStone 20mm Outdoor Porcelain
3. Composite & Engineered Surfaces dependant on weight and span.

## WIND UPLIFT APPLICATIONS

For high-wind environments, MetalPed is fully compatible with the SkyFrame TileTite system.

## COMPLIANCE & CERTIFICATIONS

- Manufactured to ISO 9001 quality standards
- Non-combustible metal components
- Suitable for use in fire-sensitive zones
- Tested for structural and environmental performance

## SYSTEM COMPONENTS

| SKYFRAME                                                                            | PLASTICPED                                                                          | 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.