



skydeck
usa

Rooftop Patios. Simply Done.

Skydeck® fiberglass mesh reinforcement is a smarter, stronger, and faster solution for rooftop porcelain pavers.

- ✓ Faster Installation
- ✓ Stronger Performance
- ✓ Longer Lasting
- ✓ Lower Total Cost
- ✓ Designed for Rooftops

MAXIMUM STRENGTH.
MINIMUM COMPLEXITY.

ONE LAYER. MORE STRENGTH. LESS LABOR.

Why Skydeck Fiberglass Mesh Reinforcement Outperforms Plastic Grate Systems Under Porcelain Pavers

SKYDECK FIBERGLASS MESH REINFORCEMENT SYSTEM SINGLE LAYER OF STRENGTH



fiberglass mesh
factory adhered to the
bottom of the pavers

VS.

PLASTIC GRATE SYSTEM TWO LAYERS, TWICE THE WORK



Grate systems require installing
and leveling two separate layers,
doubling installation labor.



WHY SKYDECK WINS

- ✓ Pavers come job site ready with fiberglass mesh glued to the back of each paver.
- ✓ Half the materials to ship and store at the job site.
- ✓ Pavers and mesh backing cut easily together.
- ✓ The mesh backing has no strength loss when pavers are cut.
- ✓ No additional pedestals are required.
- ✓ Mesh safety backing adds no significant thickness, keeping the pavers at 3/4" thick.
- ✓ Pavers are loose-laid and very easy to remove for roof inspection.
- ✓ Factory-applied fiberglass mesh strength: holds 3,902 lb



COMMON DRAWBACKS OF PLASTIC GRATE SYSTEMS

- The entire grate system needs to be installed and leveled on pedestals first before paver installation begins
- Grates are often flimsy and bow or break when stepped on before pavers are installed on top.
- Double the materials to ship to and store at the job site.
- Double the materials to be cut along perimeters
- Compression strength of grates diminishes significantly after they're cut.
- Most grate systems require a fifth pedestal under the center for extra support.
- Grates add 1.5 in. of thickness to the total system
- Grate systems are difficult to remove for roof inspection.
- Plastic grate strength, 2,400 lbs.

SIMPLE TO SPECIFY. EASY TO BUILD. UNLIMITED DESIGN FLEXIBILITY. **THAT'S THE SKYDECK ADVANTAGE.**