

## GRO STRUCTURAL GRATE

GRO Structural Grates create a stable and secure foundation on pedestals or joists for: artificial turf assemblies, porcelain pavers, modular green roof systems, and planters. They are engineered to attach to the pedestals for stability and wind uplift resistance. Multiple options are available for adhesion to porcelain pavers and these grates provide a solid surface area to support artificial turf installations.

MATERIAL	Nylon 66/6 with 30% glass
DIMENSIONS	23.5" x 23.5" x 1"
WEIGHT	5.2 lbs per grate
YIELD STRENGTH	Average yield strength: >15,000 psi* Passed standards for both: ASCE 7 and AMCA/FGMC Grating Manual – FG01-17
ULTIMATE STRENGTH	Ultimate strength: >20,000 psi* Passed standards for both: ASCE 7 and AMCA/FGMC Grating Manual – FG01-17
ACCOMPANYING GRO PRODUCTS	GRO Pedestals GRO Artificial Turf GRO Porcelain Pavers GRO Vista Modules GRO Planters

\*Strength and deflection results are derived from Solidworks Simulation 2020 structural modeling software



Grate on GRO Pedestals



Grate on GRO Pedestals with Artificial Turf



Grate on GRO Pedestals with Porcelain Paver with GRO Planter



Grate on GRO Pedestals with GRO Vista 4" Module