

MAINTENANCE PADS



After a year of testing, the 416th Theater Engineer Command (USAR) has recognized the **MAX** flooring system as a deployable maintenance pad for their portable maintenance structures. Each area will be roughly 800 square feet and fit within a standard structure. The floor has been tested using the 54,900 pound M984 HEMTT Wrecker and light-weight aircraft aluminum plates to reinforce the point load weight of the jack stands.

RIGGING AND MINING MATTING



PortaFloor **MAX** was recently tested on site at a major mining pit as a re-locatable haul truck maintenance pad. The goal was to eliminate the need to pour a temporary concrete slab that needed to be removed in a few months. Three successful tests were completed. In the photo above, two tires of a Komatsu 930e were lifted on **MAX** using an 18" diameter pneumatic jack. The back axles of the truck were also lifted on **MAX**, using a B & D Super Jack.

STRUCTURE FLOORING



PortaFloor **MAX** was recently installed inside a Sprung® structure as a heavy duty reusable flooring system for inventory storage versus a gravel sub-base. The floor easily contoured to the structure's unique shape by including 6" wide cable-channeled **MAX** pieces that enabled a custom fit. **MAX** provided a firm stable surface for the rolling service doors. In structure installations, MAX can be installed inside the structure or extended beyond the sides for a clean and durable foundation.

TRACKED VEHICLES



PortaFloor **MAX** was tested with a rotary blasthole drilling rig at a major high-technology Mining and Construction manufacturer. **MAX** was installed on a prepared sub base with **MAX** transition ramps for easy on an off access for the rig. Several maneuvers were performed by the 176,000 lbs / 79,832 kg drilling rig including; zero radius turning, raising the drilling mast and deploying the multiple jacks to raise and secure the rig.

MAX REPLACES CONCRETE • WOOD • GRAVEL



Schedule
Contract GS-07F-5512R



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1.800.700.2526 • +1.801.657.5260
www.portafloor.com
info@portafloor.com



HELIPADS

A HH3F Sikorsky (11,860 lbs./ 5,380 kg) Helicopter landed on PortaFloor **MAX** at a NATO training exercise in Italy. The 16,000 ft²/ 1,486 m² site was installed by the Italian Air Force. **MAX** was secured at the perimeter and was used as a taxiway, landing and takeoff location for the HH3F. **MAX** was tested along side of the heavier counterpart, AM2 matting, as a viable option for a deployable landing facility.



STRUCTURE & ROADWAYS

The Italian Air Force was searching for a temporary, deployable roadway and maintenance flooring system to support a camouflage maintenance shelter. PortaFloor **MAX** provided a strong reconfigurable option for the truck pathway and the shelter flooring. **MAX** adapts to many different type of terrain and obstacles as seen in the insert above where **MAX** was easily adapted to fit around an existing tree trunk.



TEMPORARY ROADWAY

Tractor trailers with caliche material (**MAX** is slated as a replacement material) used to prep drilling sites in Texas, rolled over PortaFloor **MAX**. Over 150 trucks made the turn during the six week temporary need for a reusable road material that could be moved from site to site without expensive reclamation and recycling efforts. **MAX** reduced rutting from the constant traffic of the heavy trucks. The sub-base was leveled and rolled to produce a level, flat and firm surface for the successful install of the **MAX** panels.



PHYSICAL TRAINING FACILITIES

PortaFloor **MAX** was recently installed as the flooring solution for a portable structure military fitness center. The heavy duty reusable flooring system provides a non-skid solid surface that supports free weights and weight training equipment. The **MAX** design allows for dry or wet cleaning with its ability to drain quickly. Its resistance to mold and chemicals makes it a perfect use for this type of facility. **MAX** was easily cut to fit the unique design of the structure and the 3,400 sq. ft. installation was completed in just over 3 hours.

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