

JOHNSON SPACE CENTER

HOUSTON, TX

Slip-Resistant Steel Plates Installed at Johnson Space Center



THE SITUATION

Johnson Space Center in Houston, Texas is currently undergoing renovations to transform the slippery flooring where the James Webb Space Telescope (JWST) will be stored into slip resistant flooring. The JWST will replace the Hubble Space Telescope (HST) once it has reached its completion in 2014. The James Webb Space Telescope is a large infrared telescope with a 6.5-meter primary mirror.

JWST will be the first observatory of the next decade, serving thousands of astronomers worldwide. It will study every phase in the history of our Universe, ranging from the first luminous glows after the Big Bang and the formation of solar systems capable of supporting life on planets like Earth, to the evolution of our own Solar System.

THE SOLUTION

The slip resistant flooring was purchased by a fabricator based out of Texas. The slip resistant flooring was

composed of forty three (43) A36 steel plates and were ordered in stock size plates of 48" x 96". SlipNOT® can apply the slip resistant surface to almost any specialty alloy material for the substrate specified for any job.

A sales representative from SlipNOT® Metal Safety Flooring worked closely with the fabricator to determine the best solution for the transformation into slip resistant flooring for the JWST storage area. Non-slip steel plate was chosen due to its file hardness (55 – 63 on the Rockwell scale) and its bond strength (at least 4,000 psi). SlipNOT® slip resistant flooring is extremely durable, long lasting and is consistently slip resistant in every direction. Steel slip resistant flooring can also be completely submerged in any oils, waters, greases or lubricants and still maintain its preeminent slip resistance.

THE IMPACT

The slip-resistant flooring purchased for the transformation has upheld its renowned qualities and durability. The steel plates were easy to install and provided instant safety and security for all workers as well as being aesthetically pleasing.

Picture supplied by Houston City Pass