

SAN DIEGO ZOO.
GLOBAL

RUBBERIZED FLOORING FOR UNGULATE MANAGEMENT

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SAN DIEGO ZOO.
SAFARI PARK





When Rubber Mats Just Aren't Good Enough



Sports Flooring





Different Levels of Texture, Thickness, and Flexibility



Okapi





Okapi



Okapi



Giraffe



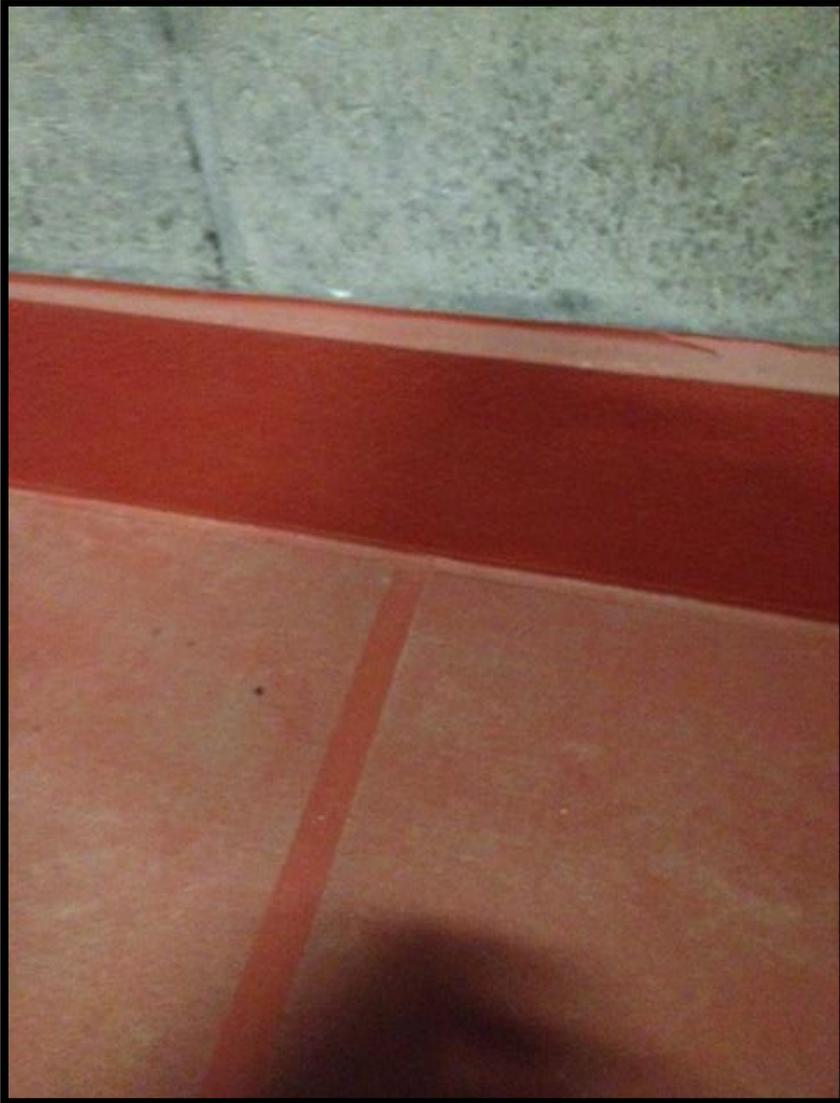
Quarantine



Quarantine



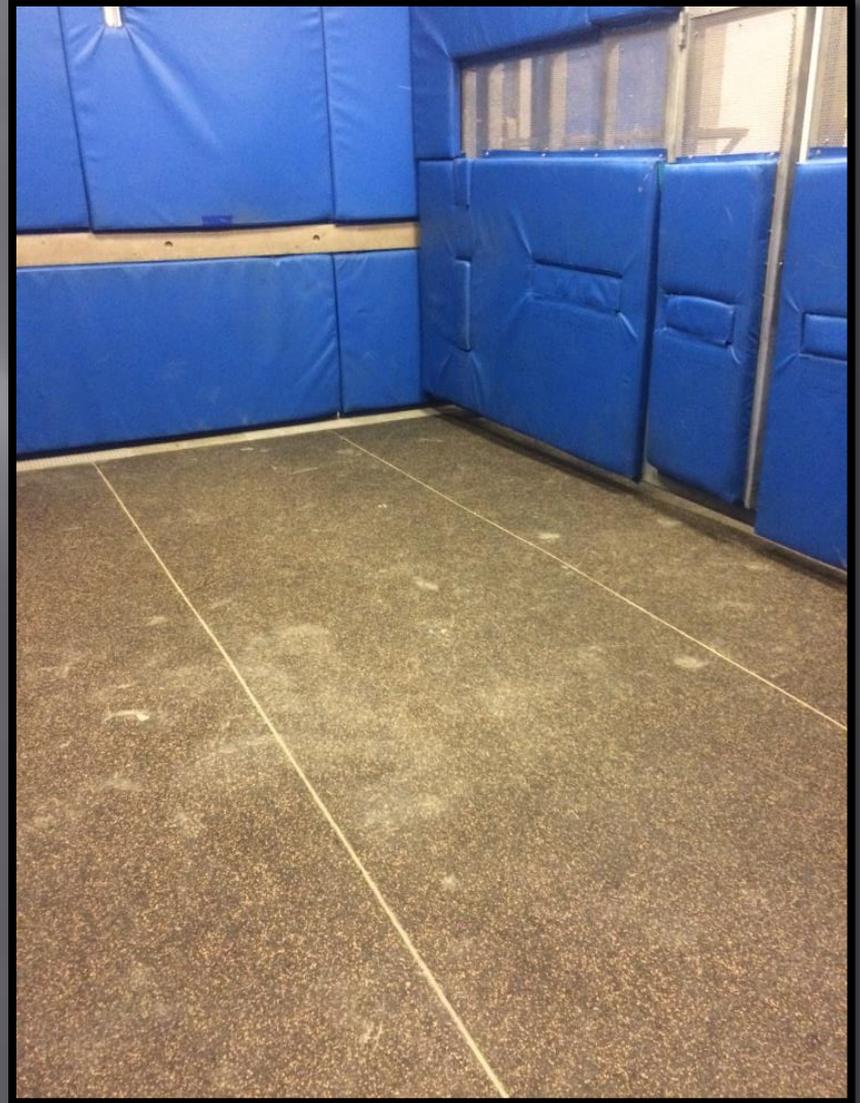
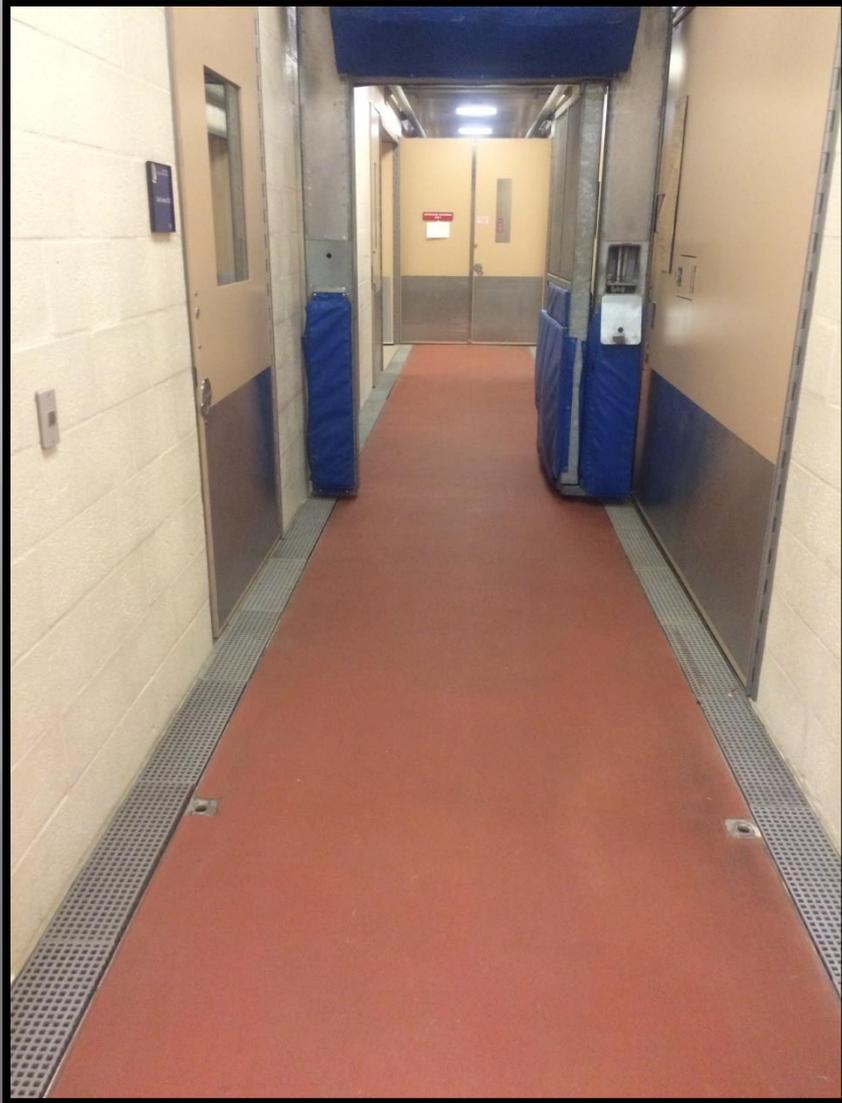
Installation/Seams



Comments

- ❑ Quarantine facilities at Disney's Animal Kingdom, primarily uses Mondo Sportflex and has been used for last 10+ years. The San Diego Zoo Safari Park also added this to the okapi barn last year. It is used indoors and outdoors. Sun damage does seem to cause more wear and tear, minor splits and hardens up faster.
- ❑ Positives: Easy to disinfect, no need for extra matting, works well for birds and hoofstock alike. If we have splits or tears, in house painters have been able to repair these easily. Helps insulate a concrete floor to keep animals warmer. Good for larger animals joints.
- ❑ Negatives: Seams along borders sometimes separate. If this happens and urine gets under the matting, it can bubble and pull up. Can become slippery when wet. Add sand or wood shavings to prevent new calves from slipping. Giraffe were tough on the product and it needed to be replaced after about 6 years. Smaller hoofstock areas have lasted 8-12 years. Can stain and discolor.
- ❑ In addition to all species of hoofstock also using for many other species of mammals and birds.
- ❑ A good install is key. Floor needs to be prepped (moisture remediation), ample glue used and seams sealed over to prevent urine or water penetration. Any rip or seam separation should be repaired immediately.
- ❑ Did not work well for babirusa or warthogs and hornbills. (Likely same issues with other pig species.) They worked at seams and made holes.
- ❑ Red color has been used more extensively and seems to have held up better than the gray color. However this could always be an application issue rather than the color.
- ❑ Downside to the red is that blood is harder to spot.

Hospital/Quarantine



Other Comments

- When Harter Hospital was built in 2001 we used Mondo Super X (durometer 45, 13.5mm thick over an underlayment pad. Total thickness was 20mm(3/4"). Pleased with performance and traction for most hoofstock. A few small deer species (ie. Pampas deer) would slip. Overall pleased with product. Over years flooring is not as soft as it was new.
- Also used a similar product called Durathon manufactured by Robbins Sports Surfaces. Downside to Durathon is it comes in a harder durometer (55) and the width is 5' vs. 5'7" from Mondo.
- In 2008 we installed a seamless urethane floor system called Pad-n-Pour manufactured by Robbins Sports Surfaces. We saw this in several equine facilities in Kentucky stud farms and one vet clinic. It has proven very durable, easy to clean, but too hard for most hoofstock species as they slip on it. We prefer Mondo and Durathon for our applications.
- The 4th flooring system we use in our recovery stalls is a customized install from Robbins. We started with a 1" dense foam. Glued to the foam is 1/8" weight room rubber. This is an excellent floor for induction and recovery for most hoofstock. It provides good traction and is very forgiving. As it is soft and flexible, the last 4" of the flooring that meets a wall or threshold lacks the pad and is glued directly to a 1" raised curb x 4" wide to compensate for the foam pad thickness. This has been in place for several years.