

Performance Dance Floors

PORON® Urethane Foams steal the show when it comes to dance floors!

THE CHALLENGE



PORON® Urethane pads offer performers an exceptional “feel” and dancing experience.

The performing arts industry continues to demand only the best dance floors for their performances. A dancer must have confidence in the surface that he or she is performing on since slight changes in feel and touch can result in injuries and mis-steps. There is a great industry demand for fixed and portable dance floors since many companies take their shows on the road to major cities and venues. Depending on the style of dance or stage scenery, a floor must be able to meet certain requirements. One way to achieve this is by using PORON Urethane pads throughout the suspension systems of the floor.

Choosing between the many unique formulations of PORON materials can give the dance floor the desired “feel” and also help reduce noise. Whether a semi-sprung floor is needed for ballet or a firmer, more resilient floor is needed for lyrical dance, PORON Urethane pads can help achieve the desired effect.

ROGERS MATERIAL SOLUTIONS

The following PORON Urethane materials can be used as pads throughout the suspension systems of fixed or portable dance floors:

PORON 4701-30 Grade
PORON 4701-40 Grade
PORON 4701-50 Grade

SOLUTION FEATURES AND BENEFITS

Superior compression set resistance enables long-term Performance

Unique PORON formulations provide a wide variety of firmness and compressibility.

Excellent energy management properties

Durable materials that are functional across a wide temperature range (-40°C to 90°C)

The information contained in this Application Note is intended to assist you in designing with Rogers’ High Performance Foams. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose or that the results shown on the Application Note will be achieved by a user for a particular purpose. The user should determine the suitability of Rogers’ High Performance Foams for each application. The Rogers logo, The world runs better with Rogers., and PORON are licensed trademarks of Rogers Corporation. © 2011 Rogers Corporation, All rights reserved. Printed in U.S.A., 1011-PDF, Publication #17-229