

Darcy Products Limited
Unit B7 Chaucer Business Park,
Watery Lane, Kemsing,
Sevenoaks, Kent,
TN15 6QY

T +44 (0)1732 762338

F +44 (0)1732 764700



Neoprene Mats – Chemical resistance

The polymer used in Darcy Neoprene Drain-blocking Mats is a special blend of Neoprene and SBR rubbers (60 deg. SH), selected for its durability and high density (which affords a good seal) and its general broad spectrum chemical resistance. The mats are designed for short-term use only in sealing drains and stopping the spread of leaks. They are NOT designed for long-term contact with all chemicals.

TESTS:

Small samples were immersed in the following liquids and observed over a period of 4 days:

Diesel Oil
Hydraulic Oil ISO32
White Spirit
Sulphuric Acid (50%)

They showed varying degrees of attack (evidenced by discoloration of the liquid) but the key observation is that, even after 4 days exposure to the liquids the samples had not swollen excessively or disintegrated and they will still function adequately as drain covers.

BEHAVIOUR WITH OTHER LIQUIDS:

With other organic chemicals such as aromatic hydrocarbons, chlorinated solvents and ketones the mats may show reduced resistance and may swell and soften to a greater degree. However they are still expected to resist for sufficient time to enable the spill to be remediated. (3-6hrs)

With most aqueous liquids the mats will show excellent chemical resistance and will be completely unaffected by immersion.

DISCLAIMER

Tests results are given for your information only, we cannot be held responsible and guarantee cannot be applied in the event of faulty use, testing is recommended to check that the instructions for use and application conditions are suitable.

30/11/2011
PGB

Spillcare Manufacture

Environmental Services

Liquid Monitoring & Control

Industrial Marine