

Shower Waterproofing - PRO-SLOPE™



Technical Bulletin #007

Description:

Chloraloy® is a waterproofing membrane made from chlorinated polyethylene (CPE). It is nominal .040" (40 mils) thick and comes on rolls that are either 4', 5' or 6' wide. Chloraloy meets ASTM D 4068, is approved by the IPC and has a UPC listing (File #3046).

There are ASTM Standards for CPE and PVC shower pan liners (ASTM D 4068 and ASTM D 4551, respectively). However, there are no standards for a sloping material. Information in the plumbing code regarding the pre-slope reads as follows:

"SLOPING SUB-FLOOR AND SHOWER MEMBRANE - All lining materials shall be pitched one quarter (1/4") inch per foot (20.8mm/m) to weep holes in the sub-drain by means of a smooth and solidly formed sloping sub-base".

PRO-SLOPE meets those requirements. The product was patented in the early 1990's. The inventor discussed listing PRO-SLOPE with IAPMO. Since there was no applicable standard, IAPMO and IPC officials did not feel a listing was practical. If tested to ASTM D 1621, PRO-SLOPE would have a Compressive Deformation Value greater than 500 PSF.

Thousands of PRO-SLOPE kits have been installed during the past 15 years without problems.

