



Introduction:

PROMASEAL® Expansion Joint Strip is a highly compressible, flexible, water resistant fire seal which is used where movement joints are formed in the structure of buildings. It consists of layers of intumescent material bonded to a Class 0 foam and has been successfully fire tested for 240 minutes in joints within masonry and concrete walls and concrete floors.

PROMASEAL® Expansion Joint Strip – Application Table for 240 minutes Fire Resistance

Max. Gap Width (mm) <u>Dim: g</u>	Min. Seal Width (mm) <u>Dim: t</u>	Min. Seal Depth (mm) <u>Dim: d</u>	Number of Intumescent Strips	Number/ Width of Foam Strips (mm)	Fire Resistance Period
					Fire Integrity (minutes)
10	12	25	1	1 x 10	240
20	29	25	2	1 x 25	240
25	32	30	2	1 x 30	240
50	61	50	3	2 x 30	240
75	90	75	4	2 x 30 1 x 25	240
100	126	125	5	4 X 30	240
125	147	125	6	2 x 25 3 x 30	240
150	170	125	7	4 x 25 2 x 30	240

When more than one length of PROMASEAL® Expansion Joint Strip is required in a joint, ensure the two pieces are butted tight together and there is no gap between the adjoining ends. Ensure that the strip is compressed to tight-fit to suit the gap width as detailed in the table above.

Important Notes: Wall and/or floor elements, into which PROMASEAL® Expansion Joint Strip is to be fitted, must have fire resistance equal to or greater than 240 minutes. If fire insulation is required, please contact Promat Technical Services Department

AUTHORITY: Promat Recommendation - Based on in-house knowledge and Technical Experience

Technical Data Sheet – 052

Page 1 of 1
(April 2008)



Promat UK Limited
 Technical Services Department
 The Sterling Centre, Eastern Road
 Bracknell, Berkshire RG12 2TD
 Tel: 01344 381 400
 Fax: 01344 381 401
 E-mail: technicaluk@promat.co.uk

