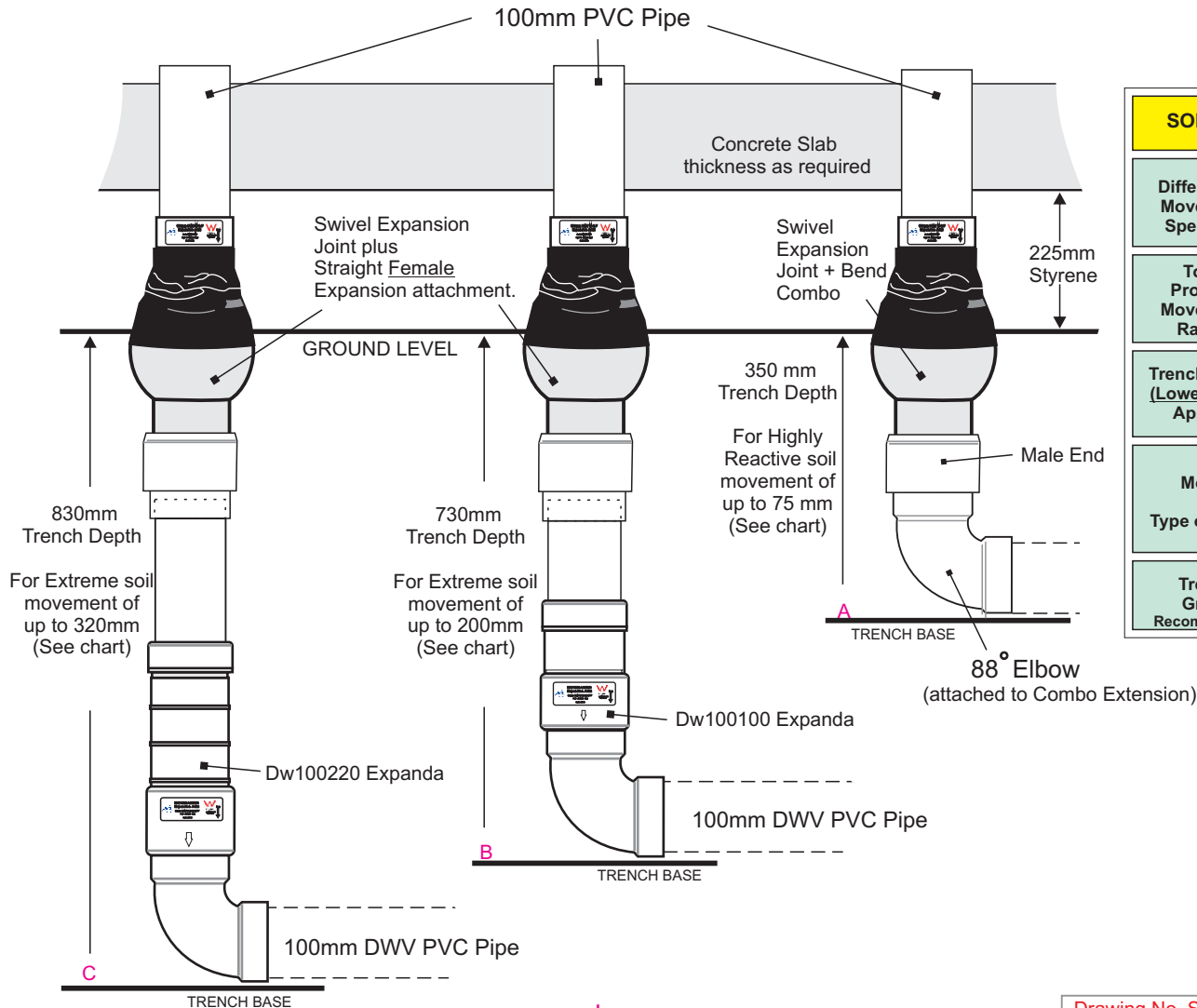


POLYVOID SLAB SYSTEM

To Suit Soil Class - **M, H1, H1-D, H2, H2-D**, (to 100mm) **E, E-D** (to 200mm), **P** (to 320mm)



INSTALLATION GUIDE CHART IN DIFFERENT ys SOILS

SOIL ys	M/M-D	H1/H1-D	H2/H2-D	E/E-D	P
Differential Movement Specified	20-40	40-60	60-75	From 75+ Specification needed	From 75+ Specification needed
Total Product Movement Range	0-100	0-100	0-100	0-200	0-320
Trench depth (Lowest end) Approx	A 350	A 350	A 350	B 730	C 830
Model & Type of Joint	† Swivel Expansion Joint Bend Combo	† Swivel Expansion Joint Bend Combo	† Swivel Expansion Joint Bend Combo	Swivel Straight Expanda with 100mm DW100100MM.	Swivel Straight Expanda with 220mm DW100220MM.
Trench Grade Recommended	1:60	1:50	1:50/1:40	1:40	

(All dimensions include 50 + 40mm internal overlaps)

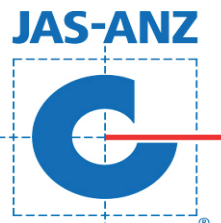
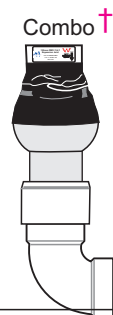
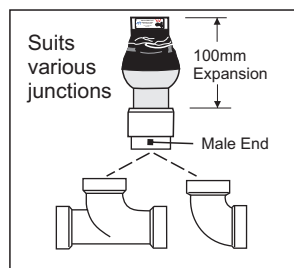
This group represents over 85% of common differential soil movement found in Australia.

This group represents approx 15% of extreme soil differential movement found in Australia.

NB. The above is based on the 225mm thick system. If using the 300mm POLYVOID system, **reduce** the Trench Depth by 100mm.

For POLYVOID Systems ONLY.

Please ensure that all fittings are installed 'Expanded' in dry conditions, as drawn. Compress and install the fittings to 50% of the pertinent ys in wet conditions.



Manufactured under a quality system certified as complying with ISO 9001 by an accredited certification body

Drawing No. SP 111	NOT DRAWN TO SCALE	
PRODUCT NAME	Expanda & Swivel Expansion products used in... POLYVOID SLAB SYSTEM	
PLEASE NOTE	The above information & dimensions are given as a GUIDE only and are subject to change dependant on site requirements.	
COMPANY	STORM PLASTICS (SA) Pty Ltd	
DRAWING DATE	9th August, 2012	
MATERIAL	Poly Vinyl Chloride - PVC	
DIMENSIONS	All dimensions shown are nominal in mm and subject to change without notice.	

