

STO POREN PANEL (40mm cavity) SYSTEM

THE STO POREN PANEL VENEER SYSTEM HAS BEEN APPRAISED AS AN EXTERNAL WALL CLADDING SYSTEM FOR BUILDINGS WITHIN THE FOLLOWING SCOPE:

- THE SCOPE LIMITATIONS OF NZBC ACCEPTABLE SOLUTION E2/AS1, PARAGRAPH 1.1; AND,
- CONSTRUCTED WITH TIMBER FRAMING COMPLYING WITH THE NZBC; AND,
- WITH A RISK SCORE OF 0-20, CALCULATED IN ACCORDANCE WITH NZBC ACCEPTABLE SOLUTION E2/AS1, TABLE 2; AND,
- SITUATED IN NZS 3604 WIND ZONES UP TO, AND INCLUDING 'EXTRA HIGH'.

THE STO POREN PANEL VENEER SYSTEM HAS ALSO BEEN APPRAISED FOR WEATHER TIGHTNESS AND STRUCTURAL WIND LOADING WHEN USED AS AN EXTERNAL WALL CLADDING SYSTEM FOR BUILDINGS WITHIN THE FOLLOWING SCOPE:

- THE SCOPE LIMITATIONS OF NZBC ACCEPTABLE SOLUTION E2/AS1, PARAGRAPH 1.1; AND,
- CONSTRUCTED WITH TIMBER OR STEEL FRAMING COMPLYING WITH THE NZBC; AND,
- SITUATED IN SPECIFIC DESIGN WIND PRESSURES UP TO A MAXIMUM DESIGN DIFFERENTIAL ULTIMATE LIMIT STATE (ULS) OF 2.5 KPA.

NOTE: REFER TO STO POREN PANEL CLADDING SYSTEM FOR COMPREHENSIVE SET OF ACAD DETAILS

STO POREN PLASTER SYSTEM

INCORPORATING:

1. S-PROTECT WS 205 SEALER TO SEAL POREN PANELS
2. STO POREN PLASTER 25kg BAG
3. STOPLEX W SEALER 10lt CONTAINER
4. STOLIT K or MP COLOURED FINISHING RENDER 25kg PAIL
5. STOCOLOR MAXICRYL FACADE PAINT 15lt PAIL
STOLASTIC COLOR FACADE PAINT 15lt PAIL
STOLOTUSAN COLOR G 15lt PAIL

STO ARMAT MIRAL PLASTER SYSTEM

CAN ALSO BE USED FOR ADDITIONAL STRENGTH AND REINFORCEMENT

CAVITY SPACERS FIXING SYSTEM:

- 40mm x MINIMUM 200 LONG H3.1 TIMBER SPACERS FIXED WITH 75 x 3.06 GALVANIZED RING SHANK NAILS AND SECURE PANEL WITH 75MM POREN FIXINGS COUNTERSUNK 10mm.

STO 40mm VH POLYSTYRENE CAVITY BATTENS:

- TEMPORARILY FIX CONTINUOUS STO 40mm CAVITY BATTENS TO FRAMING (OVER WALL UNDERLAY) AND SECURE PANEL WITH 120mm POREN FIXINGS COUNTERSUNK 5mm TO MAXIMUM 12MM.

STO POREN SYSTEM	STO POREN PANEL CLADDING (40mm cavity) SYSTEM	PP 1000
	INTRODUCTION	2014

The information contained in this detail is based on our experience and testing and represents the latest information available at the date of issue. This detail is intended for use by the design professional and users of Sto products to assist in developing specific project details to be used in conjunction with a Sto Specification. We reserve the right to alter or update information at any time without prior notice & it is the responsibility of the specifier and/or the project manager to insure that they have the current Sto details and specifications.