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25V SYSTEM

Product Description

25V is essentially the same type of material as 20H, but designed specifically for application in the vertical plane.

- Typically, approximately 4-times compression (25% of original uncompressed dimension) is required for weathertightness
- 25V is packaged precompressed in reels with adhesive backing or, depending on size, in shrink-wrapped lengths (sticks).
- It is supplied precompressed to less than the nominal material size for easy insertion into the joint.
- Sealing between the foam and substrate is achieved through a combination of the pressure-sensitive adhesive impregnation and the backpressure of the expanding foam.

Uses, Applications

- As a weather, moisture, vapor, air, sound and dust seal in static or expansion/contraction joints in walls.
- Generally used as a primary seal, 25V is installed flush or slightly recessed from wall surface.
- Suitable for use in substrates of brick, CMU, precast and cast-in-place concrete, wood, and stone
- Used extensively for sealing vertical abutment joints between buildings, brick and CMU joints, joints in tilt-up panels, etc.

25V Sizing Product Code	Nominal Material Size (Joint Size At Mean T°)	Depth of Seal
EV1515	1/8" (3mm)	5/8" (15mm)
EV2520	1/4" (6mm)	3/4" (20mm)
EV3520	3/8" (10mm)	3/4" (20mm)
EV4525	1/2" (12mm)	1" (25mm)
EV5525	5/8" (15mm)	1" (25mm)
EV7530	3/4" (20mm)	1-1/4" (30mm)
EV9540	1" (25mm)	1-1/2" (40mm)
EV12050	1-1/4" (30mm)	2" (50mm)
EV14060	1-1/2" (40mm)	2-1/2" (60mm)
EV16560	1-3/4" (45mm)	2-1/2" (60mm)
EV19070	2" (50mm)	2-3/4" (70mm)
EV21070	2-1/4" (55mm)	2-3/4" (70mm)
EV24070	2-1/2" (60mm)	2-3/4" (70mm)
EV26080	2-3/4" (70mm)	3-1/8" (80mm)
EV28080	3" (75mm)	3-1/8" (80mm)
EV30090	3-1/4" (80mm)	3-1/2" (90mm)
EV330100	3-1/2" (90mm)	4" (100mm)
EV350100	3-3/4" (95mm)	4" (100mm)
EV380110	4" (100mm)	4-3/8" (110mm)

For sizes not listed consult EMSEAL.

NOTES:

- Select nominal material width to equal joint-gap width at mean temperature.
- Material up to 5/8" (15mm) is supplied in 13.12 LF (4M) reels, up to 1" (25mm) in 6.56 LF (2M) reels, and over 1" (25mm) in shrink-wrapped sticks of 6.56 LF (2M).

COLORSEAL

Product Description

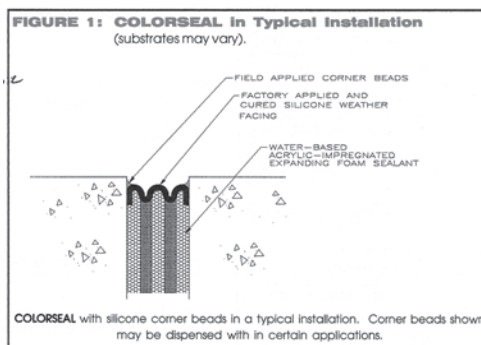
- COLORSEAL combines factory-applied low-modulus silicone, acrylic-impregnated expanding foam sealant and closed-cell (EVA) foam.
- The expanding foam laminations are open cell impregnated with a water-based, stabilized, polymer-modified acrylic.
- COLORSEAL is supplied precompressed to less than the joint size. It is packaged in shrink-wrapped lengths of 6.56 lf (2m), with a self-adhesive on one side. After insertion, it expands to fill and seal the joint.
- Sealing against the substrate is achieved through a combination of the pressure-sensitive adhesive impregnation, and 2 1/2 pounds of backpressure per square inch of the expanding foam in conjunction with a field applied corner bead.

Uses

- **Facades:** COLORSEAL is used in vertical and horizontal joints in building facades, soffits etc. of precast concrete, brick, natural stone, metal and most other substrates.

Advantages

- Standard sizes from 1/4" (6mm) to 6" (150mm) in the following silicone colors: Precast White, Black, Grey, Natural Stone and Bronze.
- Rated for joint movement of ±25%.



COLORSEAL with silicone corner beads in a typical installation. Corner beads shown may be dispensed with in certain applications.

TABLE 2: COLORSEAL SIZING

JOINT SIZE AT MEAN T°F		DEPTH OF SEAL
1/2" (12mm)	3/4" (20mm)	1-1/4" (30mm)
1" (25mm)	1-1/4" (30mm)	1-1/2" (40mm)
1-1/4" (30mm)	1-1/2" (40mm)	2" (50mm)
1-1/2" (40mm)	1-3/4" (45mm)	2" (50mm)
1-3/4" (45mm)	2" (50mm)	2-1/2" (60mm)
2" (50mm)	2-1/4" (55mm)	2-1/2" (60mm)
2-1/4" (55mm)	2-1/2" (60mm)	2-3/4" (70mm)
2-3/4" (70mm)	2-3/4" (70mm)	3-1/8" (80mm)
3" (75mm)	3-1/2" (90mm)	3-1/8" (80mm)
3-1/2" (90mm)	4" (100mm)	4" (100mm)
4" (100mm)	4" (100mm)	4-3/8" (110mm)
5" (125mm)	5" (125mm)	5" (125mm)
6" (150mm)	6" (150mm)	6" (150mm)

- Select nominal material size to correspond to joint size at mean temperature.

- Material is supplied in shrink-wrapped sticks of 6.56 ft. (2 m).

WATERPROOFING