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## COLPHENE 800 AG

**Description:** **COLPHENE 800 AG** is a high-density polyethylene dimpled foundation protection sheet used as a drainage board on foundation walls. Installed directly on concrete, concrete block or ICF forms, the **COLPHENE 800 AG** keeps water from reaching the wall surfaces and provides an air gap over these surfaces, reducing humidity levels.

**Advantages:**

- Quick and easy to install using **COLPHIX** washers and **COLSTRIP** finishing strips
- Reduces construction delays, can be installed over green concrete
- Bridges cracks
- Durable, rot-proof and impervious to root penetration
- Can be backfilled immediately after installation
- Can also be used as a drainage layer over conventional waterproofing systems

**Properties:** (**COLPHENE 800 AG** is covered by CCMC 13169-R and CCMC 13182-R)

Properties	COLPHENE 800 AG
Roll Dimensions (m)	1.98 m x 20 m (6.5 x 65.5 ft)
	1.85 m x 20 m (6 x 65.5 ft)
	1.68 m x 20 m (5.5 x 65.5 ft)
Dimple Height (mm)	8 (0.3 in)
Area Weight (g/m <sup>2</sup> )	878
Compressive Strength (kPa)	419 (8900 psf)
Service Temperature Range (°C)	-40 to 80
Air-Gap Volume between dimples (l/m <sup>2</sup> )	5.3
Maximum <i>In-Plane</i> Flow Rate (l/min·m)	276 (22.4 gal/min·ft)

(All values are nominal)

**Application:**

- Install **COLPHENE 800 AG** from the footing to finish grade level.
- Fasten **COLPHENE 800 AG** in the smooth tab using **COLPHIX** washers and concrete nails at every 200 to 300 mm (8 to 12 in).
- Install, 450 mm (18 in) below the smooth tab, a second row of fasteners at every 400 to 600 mm (16 to 24 in) and a final row 300 mm (12 in) above the footing at every 3 m (10 ft).
- At all joints, overlap **COLPHENE 800 AG** by at least 200 mm (8 in) and secure with **COLPHIX** washers at every 200 mm (8 in).
- Install **COLPHIX** washers near the top and bottom of the panel at 150 mm (6 in) from outside and inside corners.
- Cut the panel at door and window openings and fasten at every 200 to 300 mm (8 to 12 in). Install **COLSTRIP** finishing strip at every cut edges and panel junctions without smooth tab.
- Seal all penetrations, smooth tabs and **COLSTRIP** finishing strips using **SOPRAMASTIC**. For ICF substrates, use solvent-free caulking.
- Ensure that foundation drainage is installed at least 150 mm (6 in) higher than **COLPHENE 800 AG** bottom termination.

**NOTE: SOPREMA INC.** may modify the composition and/or utilisation of its products without prior notice. Consequently orders will be filled according to the latest specification.