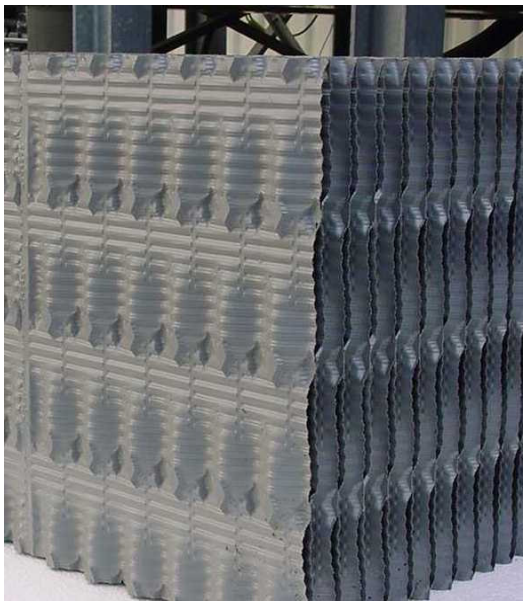
Cleanflow Plus - 50SN18G
Cooling Tower Film Fill

Optimized thermal-fouling film fill



- The “CLEANFLOW PLUS ” (50SN18G) is the improved technology of the “Cleanflow” fill by increasing its thermal performance whilst retaining its fouling resistance.
- Using Hamon’s well proven technology of the non-contact sheets it is a vertical flute design. It uses the same smooth horizontal corrugations allowing even water redistribution over the sheet and water rotation for good contact with air whilst resisting deposition of solids. The vertical flute design allows self drainage of the cores and reduces the pressure drop.
- The main difference to the « Cleanflow » fill is the location of the flat and the waved sections on the profile.
- It is well adapted to any Induced or Natural draft cooling tower using poor industrial water quality, in particular sea water.

Technical Specification

Material	PVC	Colour	Dark grey to black
Fire Classification	M2	Typical module width (stacking)	900 mm (or n*18 mm)
Typical module length	1998 mm (n*55.5 mm)	Typical module height	500 or 1000 mm
Sheet thickness (before forming)	0.3 mm	Typical specific weight (0.3 mm thick)	23.3 kg/m³ ± 5%
Sheet pitch	18 mm	Fouling rate coefficient	0.49 (base: SNCS=1.0)
Emptying factor	>95%	Specific heat exchange surface	140.7 m²/m³
Maximum debris size (Diameter)	22 mm	Maximum water temperature (continuous operation with fan on)	55°C
Maximum total suspended solid	80 ppm	Maximum salinity (sea water)	60 gr/l
Methods or support	Suspended or laid on beams		

- *Other materials options are: U-PVC & ABS; sheet thickness of 0.35 to 0.6mm; varying module sizes; fire classification (M1); temperature resistance (up to 80°C),. Other colours may be obtained.*
- *The corrugated sheets are solvent welded (glued) together to form pack modules. The gluing can be carried out on site to avoid large volume transportation.*

Oct 2003

Hamon Thermal Europe

Axisparc A
rue E. Francqui, 2
B-1435 Mont-St-Guibert
Belgium

Tel : +32 10 39 05 00
Fax : +32 10 39 05 01
Info.hteb@hamon.com

www.hamon.com