SURYA VINYL PVT.LTD.

FB-27 BIODECK.
LOW FOULING. HEAVY DUTY.

Surya FB-27 Biodeck Media

FB-27 is a high-efficiency, cross-corrugated angular-flute PVC media with a 27 mm flute and extremely low fouling potential. Built from UV-protected PVC formulated for cooling tower use, its glue-fitted sheets form a strong staggered honeycomb, suited to heavy industrial cooling and environmental water treatment.

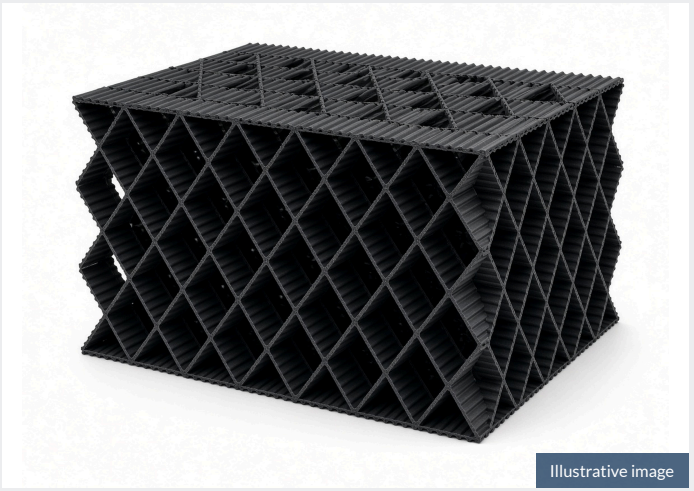
KEY FEATURES

- 27 mm angular flute with extremely low fouling potential
- UV-protected PVC in compliance with CTI STD 136 (2010)
- Glue-fitted sheets form a structurally sound honeycomb
- Engineered surface microstructure improves heat transfer
- Continuous operation at 55 °C or less
- 0.30 mm sheet, 1200 × 600 mm

TYPICAL SPECIFICATIONS

Product	PVC film fill / biodeck media
Type	FB-27 Biodeck
Material	Rigid PVC (UV protected)
Colour	Black
Length	1200 mm
Width	600 mm
Sheet thickness	0.30 mm
Flute height	27 mm
Field of application	Cross flow (per data sheet)
Surface exchange	115 m^2/m^3
Max. operating temperature	55 °C
Recommended water quality	TSS up to approx. 150 – 200 ppm (typical guide) †

† Typical industry value or range, for guidance only; final specifications are confirmed with each order / available on request. Unmarked values are Surya Vinyl published data.



FB-27 – FB-27 Biodeck

27 mm	115 m^2/m^3	55 °C
flute size	surface area	max temperature

APPLICATIONS

- Heavy industrial counterflow induced-draft towers
- Natural-draft cooling towers
- Environmental water treatment: trickling filters & bio-towers
- Raw / high-solids water applications

REQUEST A QUOTE OR DATA SHEET

Phone: [Phone]
Email: **suryavinyl@gmail.com**
Web: **www.suryavinyl.com**
Unit – Baddi: Vill. Dharampur, Baddi,
Distt. Solan, Himachal Pradesh 173205
Unit – Nalagarh: Vill. Nangal, Swarghat Road,
Nalagarh, Distt. Solan, Himachal Pradesh 174101