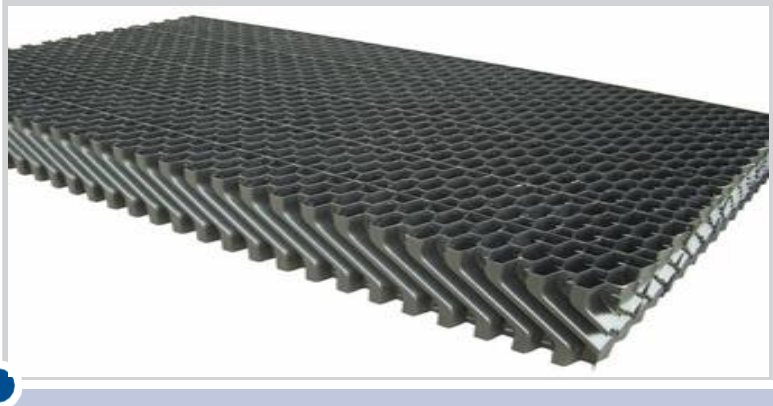
hewi-africa

Louvre film series

Effective reduction of water loss in cooling processes



Air intake louvers improve air flow into the cooling tower, prevent debris from entering, eliminate water splash-out (which can cause icing, near-site water damage, and costly water and water treatment chemical loss), restrict the amount of sunlight into the cooling tower (to impede algae growth), reduce noise from the tower, and improve the tower's appearance.

Hewitech`s film fills made with a direct inline foil-forming and final thermo-welding assembly process grant a very robust fill structure for a long lifespan.

Controllable foil thickness enables fill stabilities and material adaption to be optimized to customers specification. The low drop pressure and the specific design generate a proven reduction of water loss in the cooling process.

Features

- **High durability - Use of age-resistant, effective materials**
- **Complies with the highest fire protection regulations - Own formula using highly effective additives**
- **Stable construction due to special welding process - In addition to many welding points, the fills are welded over the entire surface at the edges**
- **High deposition rate - Through a special design construction**

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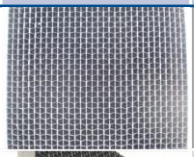
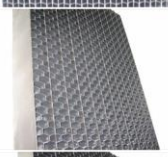
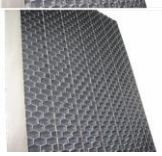
Technical information

· Material: Polypropylene (PP) or Polyvinylchloride (PVC)
· Color: anthracite with UV resistant
· Resistant to dissolved various chemicals, fungi and rot resistant
· Maximal operation temperature:
75 °C (PP) and 55 °C (PVC) (higher on request)
· Tolerances: max 2%
· On request special flame retardant
ASTM E84 and DIN 4102 (other norms on request)
· Length of elements >2400mm on request

HEWITECH Louvre system with adjusted strength

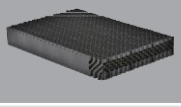
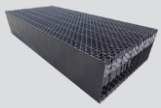
Design	Structure	Code	Ratio sheets
AI63		F1	1:1 flat / corrugated
AI63		F3	1:3 flat / corrugated
AI63		F5	1:5 flat / corrugated

Air inlet elements made of PP are designed for upright installation in a frame and can be adapted to the respective installation conditions.

Due to the high number of connection points and additional full-surface edge welding, they can also be cleaned of coarse dirt using a high-pressure cleaner which correspondingly leads to an extended operating lifespan of the system.

Film louvre series

HEWITECH drift louvre systems

Water Quality	Structure	Code	Material	Technical Data [mm] L x W x H
slightly / moderately polluted		AI63	PP & PVC	2.400 x 600 x 62
slightly / moderately polluted		AI63	PP & PVC	2.400 x 600 x 62

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