

COMPLEX REQUIREMENTS DEMAND
INTELLIGENT
SOLUTIONS

**HEWITECH
SETTING
STANDARDS**



COOLING TOWER

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AIR-TREATMENT & AGRICULTURE

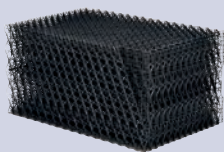
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COOLING TOWER SOLUTIONS

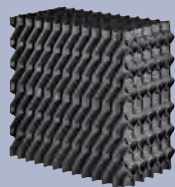
FILL MEDIA

HEWITECH is capable of all wet cooling processes and offers a wide range of products, i.e. in counter-flow and cross-flow processes. Our products meet your requirements in terms of operating costs, long service life with maximum performance expectations and a conscious resource management. All our film-fill media is extruded in one step from molten mass and thermal welded without glue.



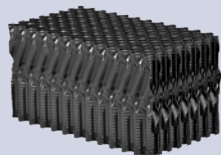
TRICKLE FILL MEDIA

NC 20 / VNC 20 / VC 20 / VC 25
and other models.
Made of PP.
Eff. surface area $\sim 100 - 125 \text{ m}^2/\text{m}^3$



CROSS-FLUTED FILM-FILL-MEDIA

CF 12 / CF 19 / CF 27
Made of PP and PVC.
Eff. surface area $\sim 100 - 300 \text{ m}^2/\text{m}^3$



OFFSET & VERTICAL FILL MEDIA

OS 21 / VF 20 / VFC 20 / VF 23
and other models.
Made of PP and PVC.
Eff. surface area $\sim 100 - 150 \text{ m}^2/\text{m}^3$



**CTI &
EUROVENT**
certified

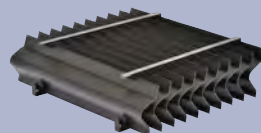


DRIFT ELIMINATORS AND NOZZLES

HEWITECH offers a wide range of droplet separators and spray nozzles for cooling towers for a sustainable cooling performance. A design-tool is available on our website: www.hewitech.de/login

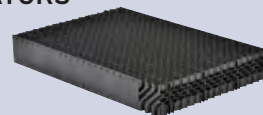
BLADE DROPLET ELIMINATORS

DEP 156 / DEP 177 / DEP 188
Made of PP and PVC incl. PP
multiple spacer variation



MODULE TYPE DRIFT ELIMINATORS

DE 125 made of PP and PVC
Lowest drop pressure &
certified drift rate up to 0.0005%



MODULE TYPE AIR INLET ELEMENTS

Ai63-F1-F12 made of PP.
Increasing the number of flat sheets in the block significantly increases the rigidity of high blocks. F5 as a standard variant means: Max. 5 formed sheets between 2 flat sheets.



NOZZLES

H3 and VK1
incl. multiple inserts for
optimized water spray.



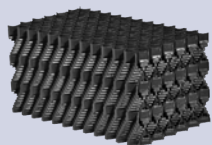


WASTE WATER TREATMENT

TRICKLING FILTERS AND SAF UNITS

HEWIFILL media is used in trickling filters and SAF units to provide surface area for the biofilm development. **HEWITECH** provides several designs for any load requirements. The **HEWAPIER** system serves as support structure for trickling filters.

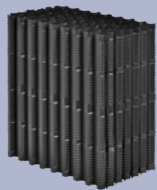
**WORLDWIDE
ON-SITE-
ASSEMBLY
BY THERMAL
WELDING**



HEWIFILL

CROSS FLUTED MEDIA

For low and medium BOD load.
The specific surface ranges
from 100 to 300 m²/m³.



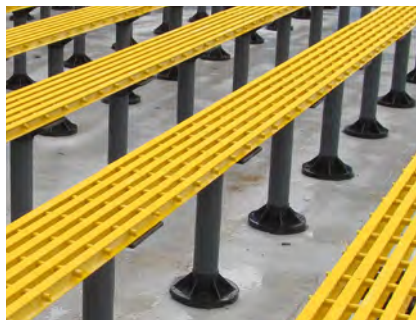
HEWIFILL

VERTICAL FLUTED MEDIA

For high BOD loads and roughing filters.
The specific surface ranges
from 100 to 150 m²/m³.

HEWAPIER

Robust support structure components can be configured to any trickling filter load scenario.



HEWITECH SETTING STANDARDS



SEDIMENTATION

LAMELLAS FOR SETTLING TANKS

Lamella settlers are used in a wide range of settling tanks. The technology is applied for waste water, process water, storm water and potable water applications.

HEWITUBE BLUE SERIES FOR DRINKING WATER

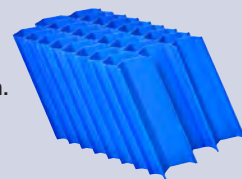
The **HEWITUBE** blue series is independently approved for use in potable water.

HEWITUBE blue products are certified in accordance to American NSF standard.



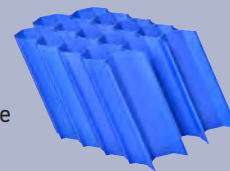
HEWITUBE LS 50

with 40 mm lamella pitch and 11 m²/m³
projected settling surface at 60° inclination.
For potable water, process and storm
water and humus tanks.



HEWITUBE LS 84

with 84 mm lamella pitch and 6.5 m²/m³
projected settling surface at 60° inclination.
For primary and secondary settling in waste
water treatment.



HEWITECH ENGINEERING

HEWITECH provides customized support structures and effluent launders to meet your project needs.



STORMWATER MANAGEMENT

HEWITECH produces high sustainable and strong rainwater retention boxes. The wide product range allows almost every application - from drainage systems, with heavy-load influences to utilisation in hot areas such as in Arabia or Australia.

HEWITECH supports various design and layout solutions for specific demands.

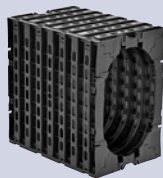
Deutsches
Institut
für
Bautechnik

DIBt



CONTROL BOX

Made of PP
High mechanical stability
with load class up to
SLW 60
DIBt certified product



GREEN ROOFS WITH VARIOBOX

Made of PP, modular system,
variable dimensions and different strength
classes in 50, 65, 80, 100, 150, 200 mm



STACKABLE BOX

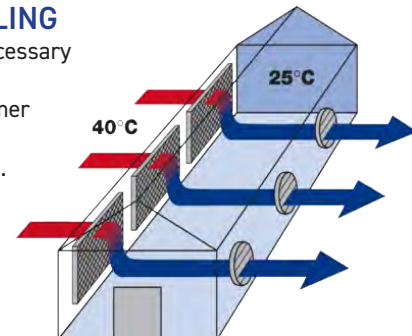
Variobox VC for low transport
cost, made of PP.
Transport volume
> 400 m³ per truck
DIBt certified product



AIR-TREATMENT & AGRICULTURE

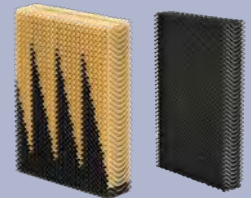
ADIABATIC AIR COOLING

HEWITECH produces the necessary high-performance **PLASTIC COOLPAD AK 150** for customer specified humidification and evaporative cooling systems. The better alternative to paper pads. Worldwide use in animal houses and greenhouses for more than 20 years.



COOLPAD in plastic

AK 150 / AK 100
Easiest disinfection and cleaning
and low drop-pressure.
Very robust



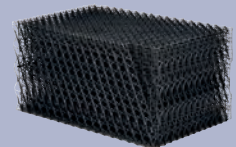
FILL MEDIA for dust removal

CF 12 F, made of PP
High flexibility according to installation
situation. Variable dimensions and
different strength classes.



TRICKLE FILL MEDIA

NC 20 / VNC 20, VC 25
Eff. surface area ~100 - 150 m²/m³
Use up to 10 m stack height.



hewitech

INNOVATION IN PLASTIC

**IN-HOUSE
TOOL & MACHINE
CONSTRUCTION**



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