

hewitech
INNOVATION IN PLASTIC

**HEAD OFFICE
IN GERMANY**



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hewitech
INNOVATION IN PLASTIC

COMPLEX REQUIREMENTS DEMAND

**INTELLIGENT
SOLUTIONS**

**HEWITECH
SETTING
STANDARDS**



COOLING TOWER

1

WASTE WATER TREATMENT

2

SEDIMENTATION

3

STORM WATER INFILTRATION

4

AGRICULTURE

5



HEWITECH SETTING STANDARDS

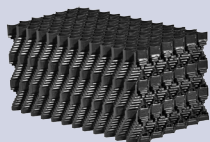
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COOLING TOWER SOLUTIONS

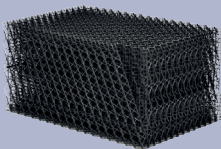
FILL MEDIA

HEWITECH is capable of all wet cooling processes and offers a widerange 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.



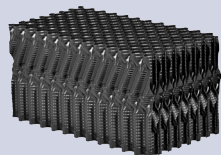
CROSS-FLUTED FILM-FILL-MEDIA

CF12 / CF 19 / CF 20 / CF 27
Made of PP and PVC
Eff. Surface area $\sim 125 - 240 \text{ m}^2/\text{m}^3$



TRICKLE GRID MEDIA

NC20 / VNC 20 / VC20 / VC 25 / NB 25 + others
Made of PP
Eff. Surface area $\sim 100 - 125 \text{ m}^2/\text{m}^3$



OFFSET & VERTICAL FILL MEDIA

OS 21 / VF20 / VFC 20 / VF 23
Made of PP and PVC
Eff. Surface area $\sim 100 - 125 \text{ m}^2/\text{m}^3$

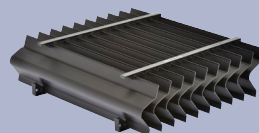


DRIF ELIMINATORS AND NOZZELS

HEWITECH offers a wide range of droplet separators and spray nozzles for cooling towers for a sustainable cooling performance.

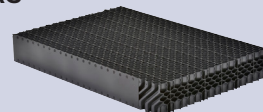
BLADE DROPLET ELIMINATORS

DEP 156 / DEP 177
Made of PP and PVC incl. PP multiple Spacervariation
EUROVENT specified



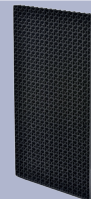
FILM TYPE DRIFT ELIMINATORS

DE 125 made of PP and PVC



FILM TYPE AIR INLET ELEMENTS

AI 65 made of PP



NOZZELS

H3 and **HEWiNOZZLE** made of PP incl. multiple insertst for optimized water spray

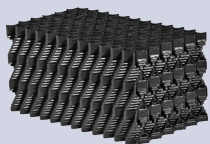




WASTE WATER TREATMENT

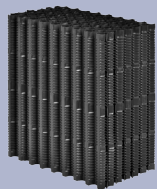
TRICKLING FILTERS AND SAF UNITS

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 HEWiPIER system serves as support structure for trickling filters.



HEWiFILL CROSS FLUTED MEDIA

For low and medium BOD load.
The specific surface ranges from 125 to 240 m²/m³.

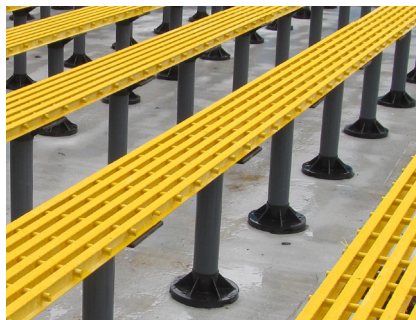


HEWiFILL VERTICAL FLUTED MEDIA

For high BOD loads and roughing filters.
The specific surface ranges from 100 to 125 m²/m³.

HEWiPIER

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

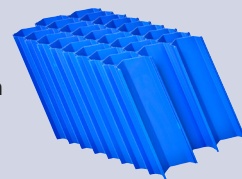
The **HEWiTUBE** blue series is independently approved for use in potable water.

HEWiTUBE blue products are certified in accordance to American NSF standard and German KTW/W270 protocoll.



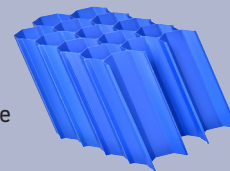
HEWiTUBE LS50

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 LS84

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.



4 STORM WATER INFILTRATION

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.

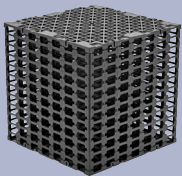
HEWITECH supports various design and layout solutions for specific demands.

Deutsches
Institut
für
Bautechnik

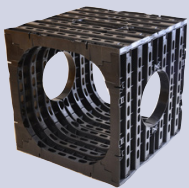
DIBt



CONTROL BOX
600 / 400 / 170 and 600/400
Made of PP
High mechanical stability with
load class up to SLW 60
DIBt certified product



**VARIO BOX AND VARIO BOX SP
TURF AND FLOUR DRAINAGE GREEN**
Made of PP
Modular system Variable dimensions and
different strength classes



TREE BOX
Made of PP
Serve as a casing for tree roots and can
be combined very well with each other
due to their modular design.

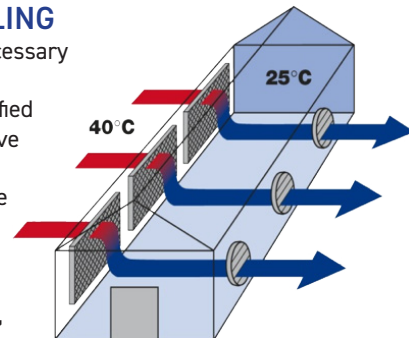
HEWITECH SETTING STANDARDS



5 AGRICULTURE

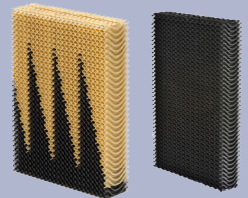
ADIABATIC AIR COOLING

HEWITECH produces the necessary high-performance plastic **COOLPAD** for customerspecified humidification and evaporative cooling systems. Temperature reduction inside of the farm house grants high productivity by rearing cycles animal welfare (e.g. poultry, swine fattening, calf breeding).



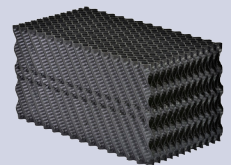
COOLPAD
AK150 / AK 100
Made of PP

Cleaning polluted drains, very little
erosion Increased service life and low
replacement requirements.



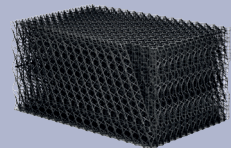
FILL MEDIA

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



TRICKLE GRID MEDIA

NC20 / VNC 20 Made of PP
Eff. Surface area ~100 - 125 m²/m³



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