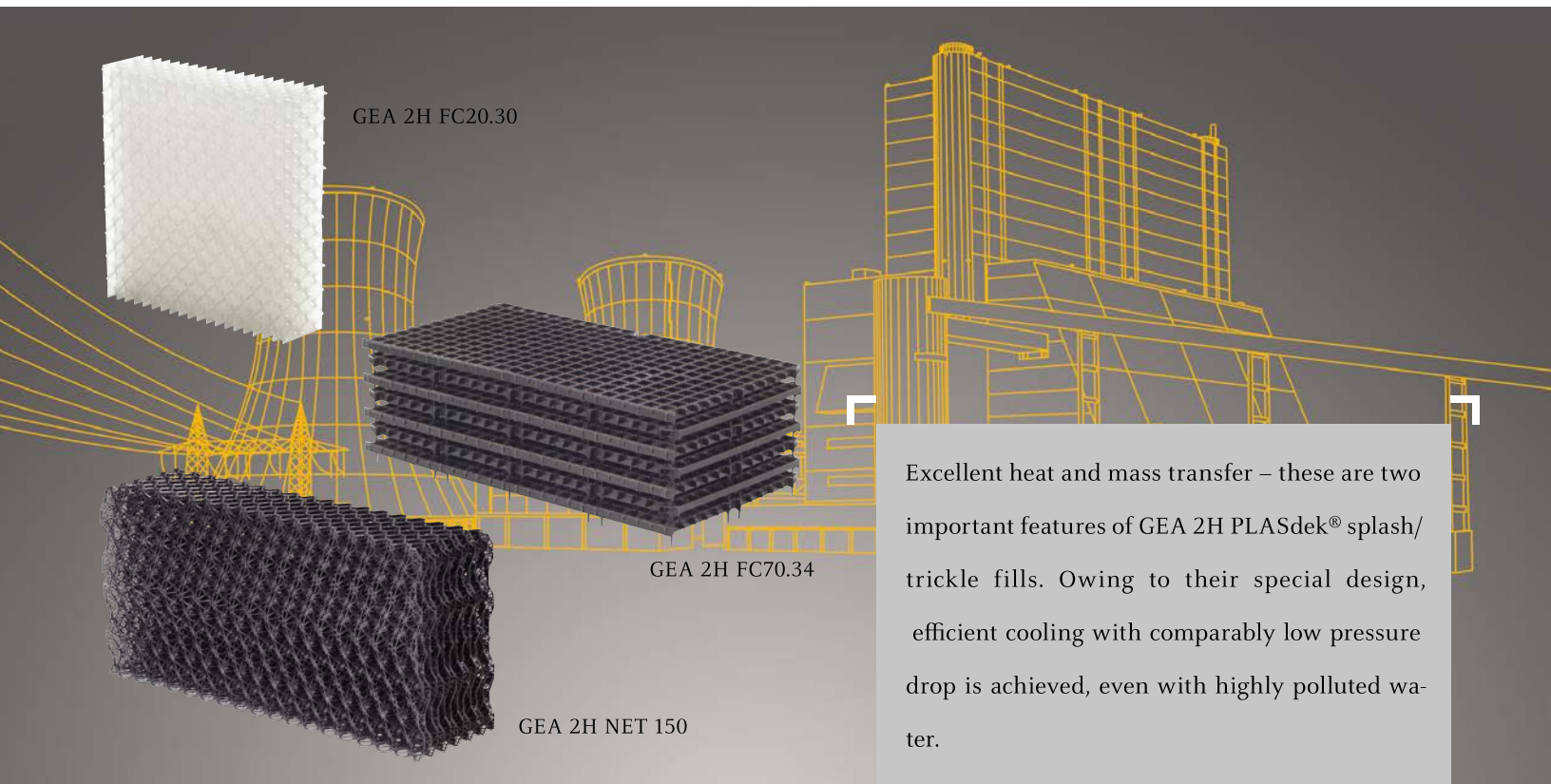


## GEA 2H PLASdek® Splash / Trickle Fills with HX-Factor

### Efficient water recooling in cooling towers



Excellent heat and mass transfer – these are two important features of GEA 2H PLASdek® splash/trickle fills. Owing to their special design, efficient cooling with comparably low pressure drop is achieved, even with highly polluted water.

GEA 2H splash/trickle fills have been specially designed for medium to strongly polluted cooling water, the focus of the development being on a high stability as well as on easy and economical installation. Therefore these fills are built from mechanically joint grids and are easily cleaned.

The NET grid packings are high-performance fills which provide an optimized pressure drop. GEA offers a unique flexibility in measures for this fill type.

By using various materials, for example flame-retardant Polypropylene (PP), high-temperature PP or the special GEA 2H SANI-PACKING® PP, the NET grid can be adapted to a wide range of requirements.

Our products have got the HX-Factor. It is our promise and stands for our unique competence in water and waste water treatment and in heat exchange (HX = HEAT EXCHANGE).

#### HX-Factors of our PLASdek® Splash/Trickle Fills

- Products suitable for inferior water qualities
- Chemical and high temperature resistance of Polypropylene
- High stability
- Cleaning with high pressures cleaners possible
- Long service life
- Impact resistant
- Environmentally friendly
- Economical installation

## GEA 2H PLASdek® Splash / Trickle Fills

### Technical Data


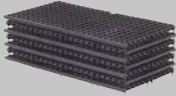

	NET 150	FC70.34	FC20.30
Max. length	72"	40"	24"
Max. width	24"	20"	48"
Max. height	18"	1.75"	6"
Continuous operating temperature*	176 °F	176 °F	176 °F
Max. operating temp. (short time)*	194 °F	194 °F	194 °F

\*Depending on recipe/additives higher temperatures can be reached by HT-additives.

**Maximum tolerances:** On all dimensions +/- 20 mm or 2 %, whichever is the greater. Tighter tolerances by prior agreement.

**Maximum application temperature:** The operational temperature should be measured at the inlet pipe of the system and should not exceed the maximum application temperature stated in this brochure.

### Types

Application		Type	Material	Geometric surface area ft <sup>2</sup> /ft <sup>3</sup>	Effective surface area ft <sup>2</sup> /ft <sup>3</sup>	Corrugation height mm	Spacing of supports inch	Width of supports inch
Polluted water (counter and cross-flow)		NET 150	PP	24.4	up to 40	20	30	2
Strongly polluted water (counter flow only)		FC70.34	PP	15.3	–	45	10	1
Polluted water (counter flow only)		FC20.30	PP	34	34	30	12	0.75

This information has been put together with greatest care. However, any performance data given in this leaflet is subject to compliance with certain surrounding conditions and hence may vary from case to case. Further, we reserve the right to make changes at any time without notice. We strongly recommend (i) reconfirmation with GEA 2H whether this information is still fully valid, before using it for final designs and (ii) to verify performance data taking into account the actual surrounding conditions. GEA 2H takes no responsibility for any consequences due to non-compliance with these recommendations.



GEA 2H Water Technologies, Germany,  
is ISO 9001:2008 certified.

## GEA Heat Exchangers

GEA 2H Water Technologies GmbH

Dieselweg 5, 48493 Wetrtingen, Germany  
Phone +49 25 57 / 93 90 0, Fax +49 25 57 / 93 90 49  
2h.hx.de@gea.com, www.gea-2h.com

GEA 2H Water Technologies

14151 Interdrive West - Houston, Texas 77032  
Phone 281-227-7900, Fax 281-227-7084  
2h.hx.us@gea.com

