

ATROBOND – Components for function and efficiency

atrobond.

Heimbach – wherever paper is made.



ATROBOND from Heimbach: adapting the components of a press felt to individual requirements

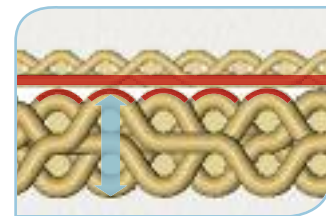
Higher dewatering efficiency and higher production speed

For optimal de-watering, freedom from vibration and freedom from marking, the ATROBOND range offers matched components

The fine single-layer upper base weave and the coarse, stable lower base form two (separately woven) components with differing geometry. As a result, the two base weave layers cannot compact into one another.

This two-layer, exceptionally regular base construction provides a lasting shock-absorbing effect and minimises any tendency to vibration.

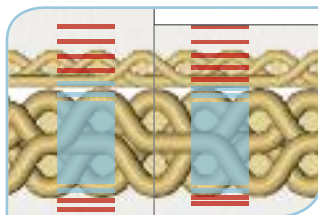
The capillary structure of the fibre batt is augmented by these base weave combinations. A strike-through from the base weave is prevented even at high press loads and after long felt life.



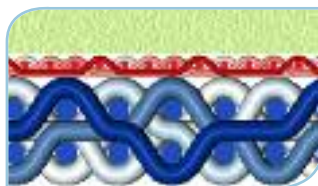
Roll Pressure



Coarse homogeneous blend



Machine-caused vibration



ATROBOND with MD batt



- Batt surface component
- Upper base component
- Lower base component

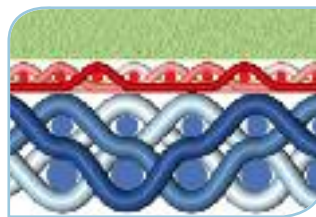
Components for function and efficiency: Unity from Variety

More production and/or lower energy usage with the same or higher quality

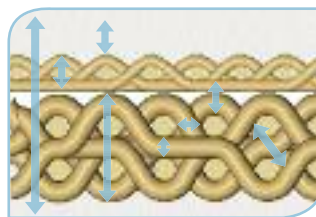
Increased de-watering by felt construction on the cascade principle (inverted funnel)

The graded capillary batt surface distributes the water coming from the paper sheet into the fine upper base layer and from there – without restricting horizontal barriers – into the coarser lower base weave.

Due to its high number of contact points to batt and lower base, the fine upper base weave accelerates the water flow.



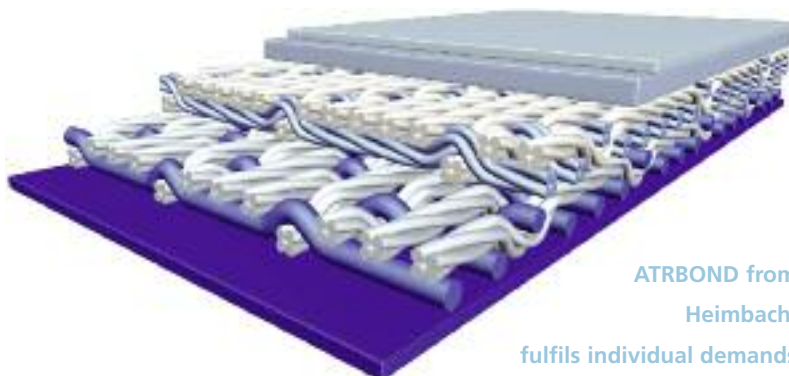
Fine upper layer, coarse lower layer



Unrestricted security, function and efficiency in all press systems

The maximum regularity of the base weave components and the combination of the base weave and batt surface components by the sophisticated needling process is checked at every stage of manufacture.

ATROBOND facilitates an even CD profile and ensures smooth and stable running.



**ATROBOND from
Heimbach:
fulfils individual demands**

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