

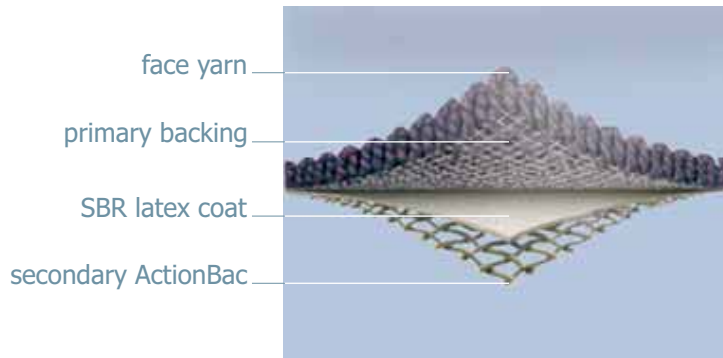
Carpet Back Coating Systems

- Secondary Backing – ActionBac, Jute
- Embossed Gel Foam Backing
- Felt Backing

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Secondary Backing Systems...



...for ActionBac, jute or felt

- 1 Direct application of a "pre-coat" onto the back of the carpet. The pre-coat is needed for a good tuft lock and also determines the stiffness of the carpet.
- 2 Latex foam with lower level of filler is applied on top of the pre-coat.
- 3 Layer of secondary backing is joined together with lamination rollers.



SBR Latex Pre-Coating Unit

- roller over roller
- adjustable pressure or gap
- rubbing function
- level control



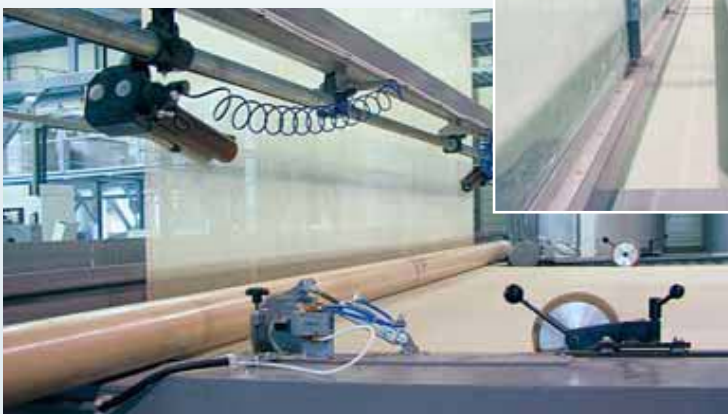
Latex Foam Application

- roller over table
- adjustable pressure or gap with digital read-out
- rubbing function for excellent penetration
- automatic level control of foam
- automatic control of the application width



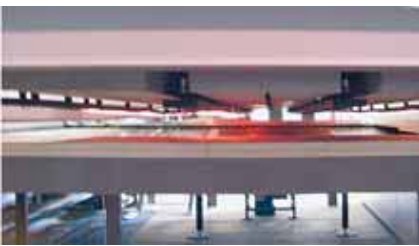
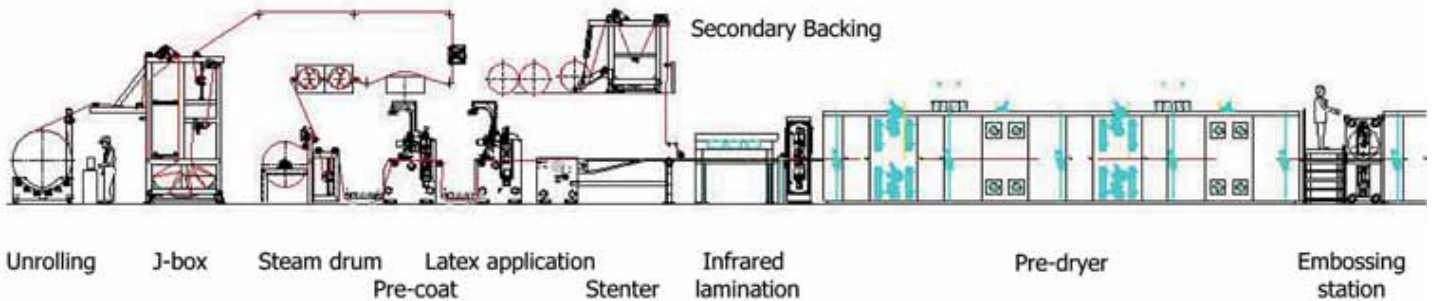
Lamination unit

for secondary backing with pneumatic pressure control



Feeding unit for secondary backing with width control

Gel Foam Backing



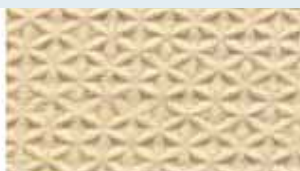
Ammonium Acetate Gel Foam (AAG) together with a gelling agent and a vulcanization agent is used as secondary backing.

An **infrared gelling unit** (gas or electrically heated) and a pre-dryer are used to create a skin on the jellified backing.

Between the pre-dryer and the main vulcanization dryer there is the embossing station which gives a structure to the backing.

Embossed gel foam has:

- a very good mechanical quality
- good water resistance
- a no-slip effect



Dryer

- Individual temperature setting between top and bottom
- Filters can be cleaned from outside
- MAXON gas burners or steam heat exchanger
- Round or slot type nozzles
- Frequency controlled fans
- Moisture control of exhaust air
- Scanning pyrometer for carpet temperature measurement



Stenter

from KENYON or Brueckner

- Individual width control for each compartment
- Carpet floor detection



Exit and roll-up

- Accumulator with electrical weight compensation
- Space for shearing heads
- Inspection area

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