

RHENOPRINT™

Innovative thermoplastic counter material with universal technological properties

Rhenoprint™ is the result of comprehensive development based on our long-term experience with thermoplastic counters of the first and second generation. The technological features of the **Rhenoprint™** range matches conventional, advanced and most modern lasting system and all their preliminary functions.

Rhenoprint™ ready to use counters / toe puffs are produced directly in the individual shape **environmental friendly, waste free and no cutting and skiving necessary**. Easy and simply shape and substance change possible.

Pre-activation enables low temperatures and the use of heat prone upper and lining material. Extremely strong adhesion – especially at the skived edges – is an important feature. Long open malleable lasting time provides new working methods - the time gap between moulding of the counterpart and seat lasting can take up to 10 minutes.

Uses for Rhenoprint™

As counter / toe puff in a variety of substances and hardness for insertion and in combination with synthetic heel grip lining for »one-piece-counter«

Shape of counter pattern

Any shape of counter can be produced on **Rhenoprint™** machine. For economy however, linked sizes are preferable where possible.

Working preparation

By pre-activating of the flat counter to a optimum mellowness easy insertion possible and moulding temperatures can be reduced, ideal for heat prone upper leathers and lining materials. Pre-activate **Rhenoprint™** counters at ca. 80°-90° centigrade.

The activated material doesn't stick or slide and provides easy handling at a mellow state.

Back-part moulding and Lasting

Moulding of the inserted counter according to work preparation in the range of 80°-130° centigrade. **Rhenoprint™** counters can be used with conventional back-part moulding machines as with modern hot-cold back-part moulding machines.

On conventional back-part-moulders best results are achieved, when counters are inserted warm and are moulded according to substance and upper construction at temperatures at 80°-100° centigrade and dwell of 10-15 sec.

The uppers should be fore-part-lasted immediately and seat lasted within 10 min. With heating devices process can be stretched to any lasting cycle.

Best advantage offers hot-cold system. Counters inserted at malleable state – pre-activated at 80°-100°C - 10-15 sec. and moulding ca. 10-15 sec. on refrigerated mould.

Lasts can be slipped after 20 minutes leaving heat setter, final hardness after 24 h.

Rhenoprint™ counters are ideal for Rink Systems.

Manufacturers warranty: Due to the great number of materials being used for shoe manufacturing the possibilities of chemical reactions and incompatibilities between components should be always tested beforehand. We are not liable for damages arising by non observance of our instructions for applications or from reactions beyond our influence and control.

Storing: Under normal conditions the storage is unlimited. Avoid direct storing in the sun. We guarantee for the goods 6 month after delivery date.