

Elastopan® Feel Wood

Looks like wood,
feels like wood,
sounds like wood



 **BASF**
We create chemistry

Elastopan® Feel Wood

PU system for rigid shoe soles with imitation wood appearance

It looks like wood, feels like wood, sounds like wood and it is as hard as wood. These soles have incredible stability and toughness, but also a tailored elasticity.

Designers can use nails and screws, which offers greater processing potential and makes it possible to create integrated designs. And the best thing is that Elastopan® Feel Wood has a quality that stays constant and shows fewer property fluctuations than actual wood. In other words PU is miles ahead of the real thing.

Elastopan® Feel Wood soles give manufacturers clear production advantages, and are guaranteed to draw attention to their fashionconscious wearers. The use of polyurethane means constant quality and a stylish appearance is also guaranteed. And to ensure they are non-slip, a thin undersole made of PU, TPU or rubber is placed beneath the imitation wood.

Light fantastic

Elastopan® Feel Wood is an environmentally sustainable, water blown shoe system and is manufactured using a new combination of raw materials. These soles are produced in a closed mold like other shoe systems. The wood grain effect is applied to the sole via the mold, producing the typical wood feel. Soles are then varnished to accentuate the special wood grain appearance.

The surface structure of the sole is very easy to process and refine and polyurethane is simple to dye. Color tone, nuances, special color effects and other motifs are simple to achieve. High-grade cherry wood, beech effect or other finishes are easy to replicate and the system offers excellent adherence to other materials – particularly varnish.



Properties

- Toughness comparable to wood
- Stability
- Tailored elasticity
- Good adherence to surface varnish
- Wood grain effect via the mold
- Easy processability of the sole surface structure
- Excellent resistance to nails and screws
- Slip resistance provided by a thin PU, TPU or rubber undersole
- Water blown system

	Unit	Measured value	Method
Density	kg/m ³	450 to 500	ISO 845:2009-10
Hardness	Shore D	50	ISO 868:2003



Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. (January 2015)