



## Next Material

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### Experimental knitting model, inspired by the architecture of stalactite caves

This experimental knitting model is inspired by the organic structure of dripstone caves. The aim of the design is a lightweight, lace-like garment, which is being reminiscent of stalagmites and stalactites. The result is a transparent, elastic and irregular knit-top with manually loosened and enlarged stitches. In addition, it is traversed by hand knitted bands, which are arranged in a tapering and thickening way. This recalls the construction of stalactite caves.

The top should pick up on the topic of dimensionality, as well as a delicate, fragile effect. In order to achieve an organic and non-uniform effect, various techniques were experimented. After an interplay of fixed and loose patterns and unequal mesh sizes did not provide the required result, the surface was achieved by irregularly arranged catch- and handle-patterns and dropped stitches. Then the knitted pieces were draped on a tailor's bust and sewn together by hand. The open edges were also secured by hand to maintain their dissolved effect.

Through its elastic binding technique the wool-top allows a great freedom of movement. At the same time it is extremely light and soft. The knit-top is made of 100% organic Merino Wool, offering properties like breathability, moisture absorption and temperature compensation.

