

Tongue and Groove System

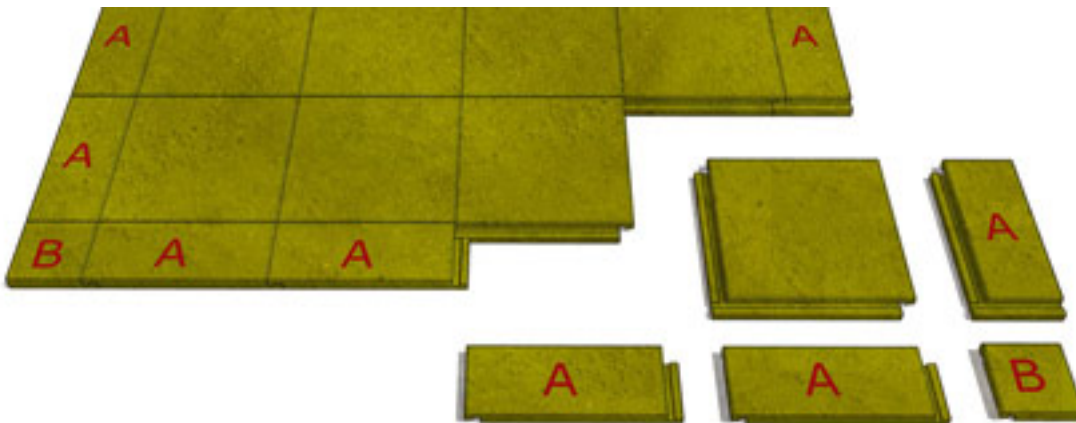
With the **tongue and groove system** - NF, WARCO tiles may be installed throughout the **form-fit connection** without additional fixing. The edges of each plate are formed as a shiplap (rebated edge) with incorporated groove (below) and a tongue (top). Adjacent tiles **overlap** at the edges and thus we may avoid joints open towards the base course.

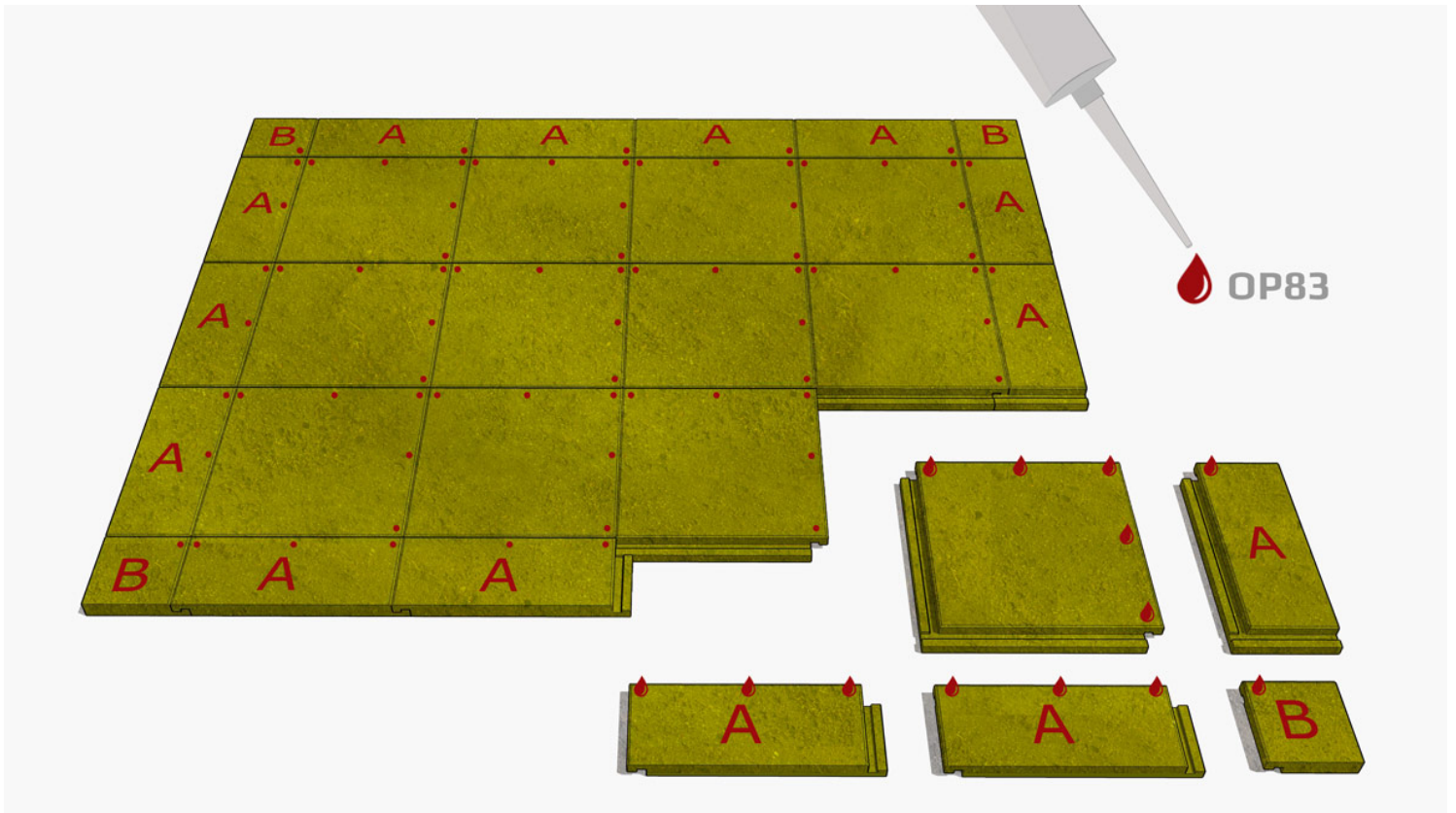
Stylish and innovative – the tongue & groove connection

With this type of connection system authorised by WARCO company, an innovative installation is combined with a **traditional, purely classic** look of a large-format floor tile.

Tongue and groove are elements profiled on the tile's edges (**invisible** in the surface once it has been installed). The tiles are equipped with a several-centimetre-wide rebated edge with the integrated tongue and groove elements. On two sides of the tile, its upper half overlaps with the lower half of the adjacent tile. On the remaining two sides this is the other way round. In the tile underneath, there is a **groove precisely matching the tongue** of the tile which is on top. Thus, a **form-fit connection** is created, preventing shifting among the assembled tiles. Through this construction, the joints between the tiles are **securely sealed**.

The main **benefit** of the elastic tiles with the tongue and groove connection system lies in its **simplicity and durability**. Due to its versatile use, such surface may be installed both on bound and unbound subfloors, with **low costs** and attractive designs ready at hand.

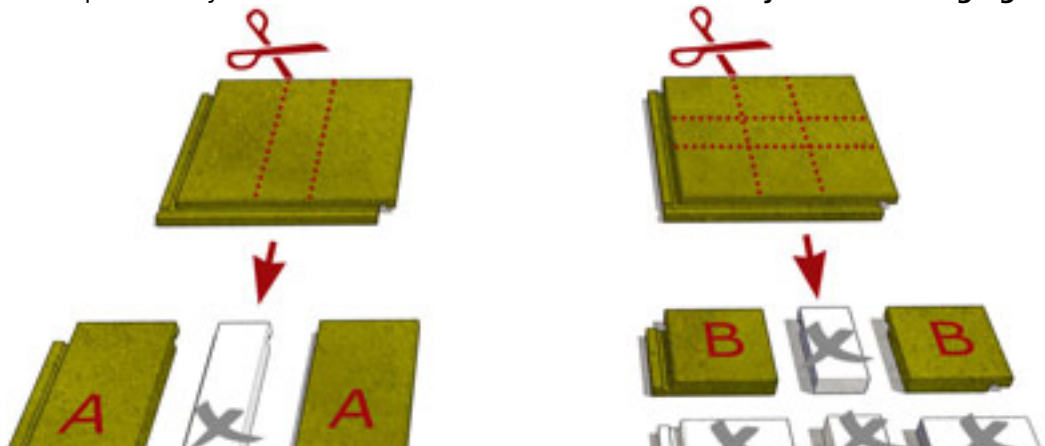


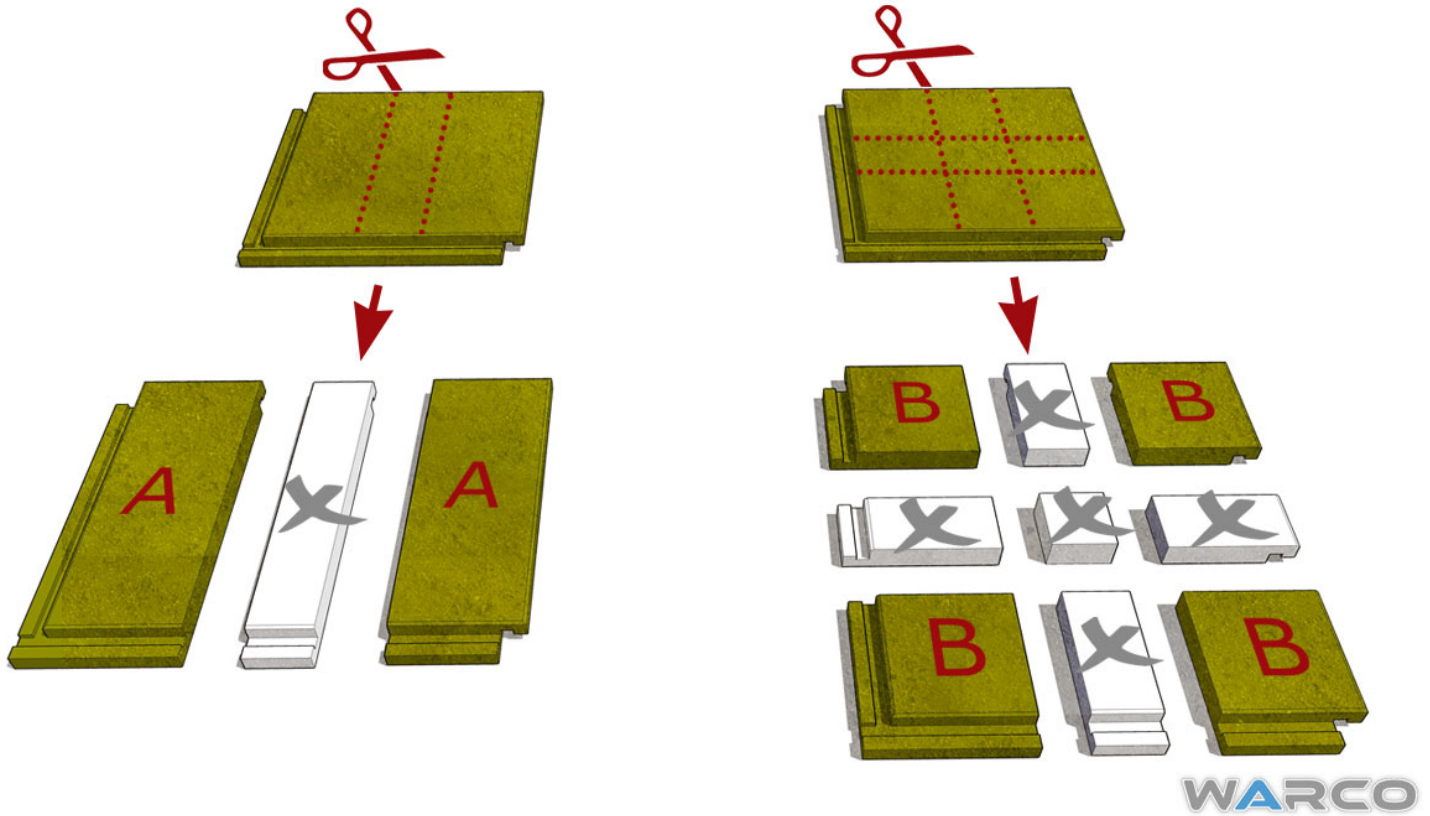


The assembly of the tongue and groove system

WARCO produces tiles only in a **full format**. Cuts for the design of the **surface's edge** are produced on site during installation. It is an optical benefit for the area, if so the edge elements, made of full-format tiles form a **symmetrical frame** around the assembled surface. Per every row, A tile should be cut **in two parts** per each row. One half will be used as a beginning element, while the other one is going to serve us as a finishing piece in the row.

The **installation design** looks particularly attractive when the surface is framed with **symmetrical edging** made of cut out tile elements.





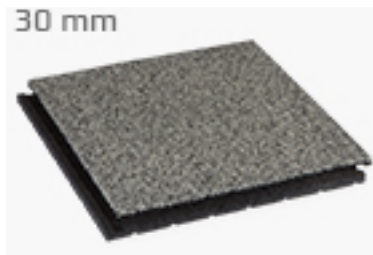
The cutting of the edge tiles

Edge tiles fitting the surface made of tongue and groove system are prepared directly by the installation. We should cut a whole plate **in two parts**. The potential waste, that is removed from the tile's center in the form of a strip, has **the same width** as the two edge pieces. Corner elements should be prepared analogically.

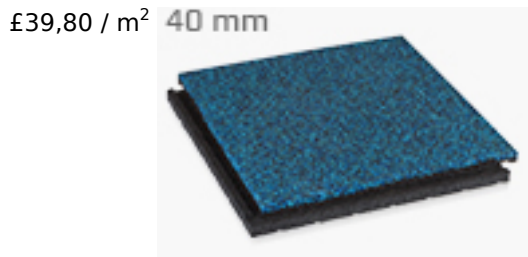
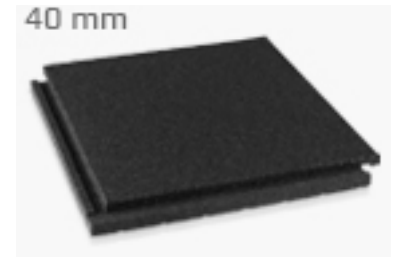
Terrace tile



£34,72 / m² 30 mm



£56,12 / m²



£65,00 / m²

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Tyre rubber granulate or EPDM - the choice of 2 qualities of the material

Elastic tiles with tongue and groove are produced in two formats, namely 500 x 500 x **30 mm** and **500 x 500 x 40 mm**. Here, the raw material used for the production occurs either in the form of black rubber tyre NR/SBR bound by **dyed** polyurethane or **fully coloured** EPDM granulate.

Typical fields of application

The possible applications of the elastic tiles with tongue and groove installation system for **indoors** and **outdoors** are virtually limitless. They may function either as a **safe sport and leisure flooring** or can be assembled as an ultra safe and comfortable **terrace** surface where children (especially toddlers) play. They might be also installed in a winter garden, beer garden, or even in a dog training centre. There are countless possibilities for this modern and **economical floor**.