

Laying pattern

Designing with concrete slabs and paving stones

The laying pattern is decisive for the effect of a surface. Different formats, colours and joint divisions loosen up any surface. Thus, surfaces laid with only large or small stones appear either extended or limited.

Design is not everything. Function must also be guaranteed. A good planning, the observance of the technical rules for the execution of the works together form the basis for a long serviceability. The combination of different materials has proven itself in practice. As an example of the many design possibilities, some classic paving stone bandages are presented here. A selection of different laying patterns for our range can be found under www.fruehwaldgroup.at.

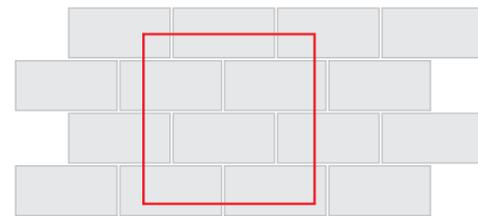


Example of a cross joint bandage

The stones are arranged regularly. Due to the continuous joints in both directions, this type of installation is suitable for areas that are not subject to excessive stress, such as terraces, balconies and arcades.

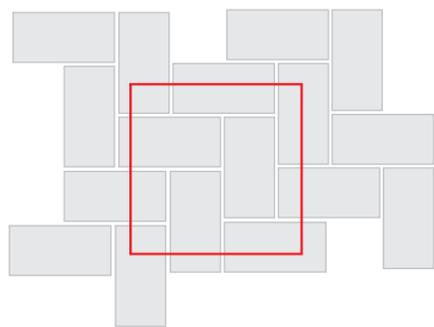
Example of a row bond

The bricks of every second row are offset by one 1/3 to 1/2 brick. This interrupts a joint direction and loosens the surface. With this laying pattern, a better load-bearing capacity is achieved, for example on terraces, paths, courtyards and driveways.



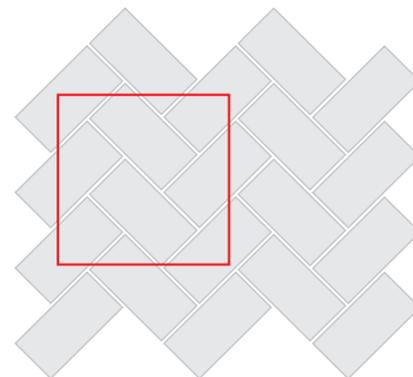
Example of an elbow bandage

With this bandage, both joint directions are interrupted. The stones are laid at right angles to the reference line. This results in a very good bonding effect for heavily used surfaces, such as terraces, paths and access roads.



Example of a herringbone dressing

With this bandage, the stones are laid diagonally to the reference line. This results in a very good load-bearing effect for heavily used surfaces. Very well suitable for trafficable surfaces.

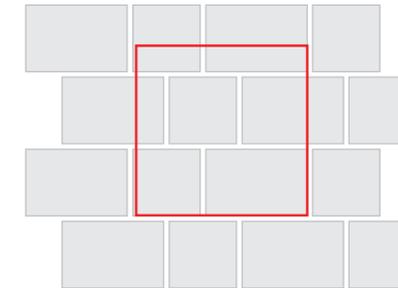


All examples shown with Tiziano, Lungo Dalmatia, Lungo Balaton, Finessa, Montiano
Stone proportion: 1
60 x 30 : ca. 5,5 Stk./m² (the rectangle in the picture corresponds to approx. one m²)

The pattern results from the repetition of the regular or irregular arrangement of the stones. The patterns depend on the formats. Here you can find some classic dressing types - combined or extended by additional formats.

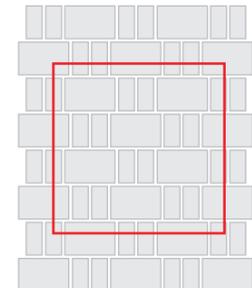
Row dressing with two or more formats

The stones are laid with the same width per row, but with different lengths:



Tiziano, Finessa, Citta Grande

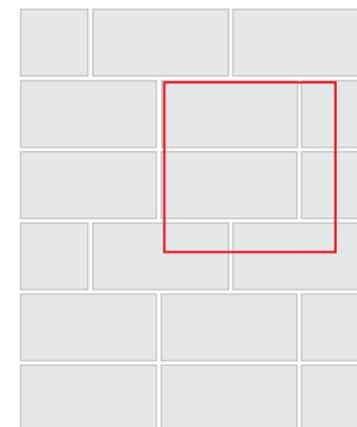
Stone proportion 1:1
40 x 40 : ca. 2,5 Stk./m²
60 x 40 : ca. 2,5 Stk./m²



Rechteckstein

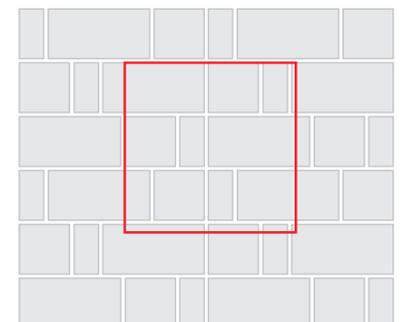
Stone proportion 1:2
30 x 20 : ca. 9,8 Stk./m²
20 x 10 : ca. 19,6 Stk./m²

Row and cross bond in combination with 2 or more formats:



Tiziano, Finessa, Citta Grande

Stone proportion 2:1
80 x 40 : ca. 2,5 Stk./m²
40 x 40 : ca. 1,2 Stk./m²



Il Lungo Kombiform

Stone proportion 1:1:1
60 x 30 : ca. 3,1 Stk./m²
30 x 30 : ca. 3,1 Stk./m²
30 x 15 : ca. 3,1 Stk./m²

In addition to the different types of laying with the same or different formats, different surfaces and colours can also be combined. The various possibilities cannot all be mentioned. Let your creativity run free. Everything is possible!

The stone requirement results from the nominal dimension with a minimum joint width of 5mm without consideration of waste (the rectangle in the picture corresponds to approx. 1 m²).