

Specifications

**for cladding, floors, stairs, and other elements in
VICENZA STONE**

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1. Specification for ventilated facades in Vicenza Stone

Code	Product specifications
1a	<p>Ventilated cladding thickness 3 cm or 4 cm</p> <p>Supply and installation of ventilated wall consists of cut to size slabs in Vicenza Stone quality Bianco Avorio or Giallo Dorato or Grigio Alpi by GRASSI PIETRE SRL as per sample to be approved in advance by the construction supervisor, cut to size approximately 100x50x3 / 4 cm, honed surface, light beveled edges in the perimeter, including passing kerf cut below and above or positioned holes for pins . The material thickness will be determined according to the size of the slabs, the agents efforts on the material and based on the installation system.</p> <p>It is also included the supply and installation of galvanized steel structure and support and retaining punctual stainless steel AISI 304 brackets, which must be adjustable along two axis, anchored to the existing walls by mechanical steel dowels with anti-slip sock rosette or dowels with elastic stocking and poliester two component resin, related to the threaded rod and tightening nut steel.</p> <p>It also includes the supply and installation of polystyrene battened insulation class E, 12 cm thick, fixed to the supporting structure by means of suitable anchors, including foaming of the carvings. Including surface treatment of the stone with water-based or solvent base hydro repellent products company FILA.</p> <p>Measurement for full with the exception of the holes bigger than 4 square meters.</p> <p>The price includes: measuring - project – cut to size list producing - supply and installation of the substructure - supply and installation of thermal insulation - supply and installation of stone work - technical tests - grouting – supply of glue, silicone, expansion joints - Treatment - packaging - transport</p>

2) Specification for glued cladding and thresholds in Vicenza Stone

Code	Product specifications
2a	<p>Glued cladding without metal anchors thickness 2 cm</p> <p>Supply and installation of glued wall composed of cut to size slabs in Vicenza quality Bianco Avorio or Giallo Dorato or Grigio Alpi by GRASSI PIETRE SRL as per sample to be approved in advance by the construction supervisor, cut to size to be approximately 60x40x1,8 cm, thickness calibrated thickness, honed surface, only sawn edges, bonded with glue like Mapei Keraflex Maxi White or Mapei Granirapid or Mapei Ultraflex S2 White on plaster (the latter unfinished, suitable for gluing of stone materials. tearproof, and not being dusty, the cost of the realization of the plaster is not included in this price). Including the cost for expansion joints (every 20 square meter approximately and in any case on all structural joints of the building) to be closed with a special neutral white silicone, or in any color chosen by the construction supervisor like Mapei Mapesil LM. Included is the final grouting (approx 3 mm dimensions) with pre-mixed product (like Mapei Keracolor FF) of the color chosen by the the construction supervisor (possibly mixed with powder of the same stone to get the most appropriate color). The price includes the final cleaning of the cladding with water washing with a sponge after grouting.</p> <p>Including surface treatment of the stone with water-based or solvent based hydro repellent products company FILA.</p> <p>Measurement for full with the exception of the holes bigger than 4 square meters</p> <p>The price includes: measuring - project - cut to size list producing - supply and installation of stone - grouting – supply of glue, silicone, expansion joints - treatment - packaging - transportation</p>

<p>2b</p>	<p>Glued cladding with metal anchors thickness . 3 cm</p> <p>Supply and installation of glued wall composed of cut to size slabs in Vicenza Stone quality Bianco Avorio or Giallo Dorato or Grigio Alpi by GRASSI PIETRE SRL as per sample to be approved in advance by the construction supervisor, cut to size approximately 100x50x2,8 cm, thickness calibrated thickness, honed surface, only sawn edges, bonded with glue like Mapei Keraflex Maxi White or Mapei Granirapid or Mapei Ultraflex S2 White on plaster (the latter unfinished, suitable for gluing of stone materials, tearproof, and not being dusty,, the cost of the realization of the plaster is not included in this price). The stone elements will be anchored with minimum 2 L shape hooks (sticks) stainless steel AISI 304 diam. 3/4 mm on each slab, these to be appropriately dimensioned on appropriately produced hoes on the slabs and appropriately dimensioned holes in the walls filled with glue.</p> <p>Including the cost for expansion joints (every 20 square meter approximately and in any case on all structural joints of the building) to be closed with a special neutral white silicone, or in any color chosen by the construction supervisor, like Mapei Mapesil LM. Included is the final grouting (approx 3 mm dimensions) with pre-mixed product (like Mapei Keracolor FF) of the color chosen by the the construction supervisor (possibly mixed with powder of the same stone to get the most appropriate color).</p> <p>The price includes the final cleaning of the cladding with water washing with a sponge after grouting. Including surface treatment of the stone with water-based or solvent based hydro repellent products company FILA.</p> <p>Measurement for full with the exception of the holes bigger than 4 square meters</p> <p>The price includes: measuring - project - cut to size list producing - supply and installation of the stone - supply and mounting of brackets - grouting - supply of glue, silicone, expansion joints - treatment - packaging - transportation</p>
<p>2c</p>	<p>Thresholds, windowsills and copings thickness. 4 cm</p> <p>Supply and installation of thresholds, window sills, shoulders and covers with cut to size dimensions in Vicenza Stone quality Bianco Avorio or Giallo Dorato or Grigio Alpi by GRASSI PIETRE SRL as per sample to be approved in advance by the construction supervisor, 4 cm thick, surface and seen side to be honed, bevelled edges, laid on satin lime mortar (this is excluded in this price, client has to provide it) by white glue like Mapei Keraflex Maxi. Including the lower cut for draining in sills and covers.</p> <p>Including the securing of any hooks and fixing keys (for shoulders and lintels) made of stainless steel AISI 304 or galvanized iron diam. 3/4 mm, fixed to the structure with polyester putty. Including the final grouting (size about 2 mm) with pre-mixed product (like Mapei Keracolor FF) of the color chosen by the construction supervisor (possibly mixed with powder of the same stone to get the most appropriate color). Including surface treatment of the stone with water-based or solvent base hydro repellent products company FILA.</p> <p>Approximate section of the elements hypotized 35x4 cm.</p> <p>Measurement surface really installed.</p> <p>The price includes: measuring - project - cut to size list producing - supply and installation of the stone - supply and mounting of brackets - grouting - supply of glue, silicone, expansion joints - treatment - packaging - transportation</p>

3) Specification for floorings in Vicenza Stone

Code	Product specifications
3a	<p>Floors glued on screed thickness. 2 cm</p> <p>Supply and installation of flooring in Vicenza Stone quality Bianco Avorio or Giallo Dorato or Grigio Alpi by GRASSI PIETRE SRL as per sample to be approved in advance by the construction supervisor, tiles standard dimensions approx 60x40x1,8 cm, installed with minimum joint (1mm), calibrated thickness, honed finish, light chamfered edges on the perimeter, bonded with glue like Mapei Keraflex Maxi White or White Granirapid on concrete (the latter is excluded; must be perfectly smooth, flush, free from cracks, made to perfection).</p> <p>Including the cost for expansion joints (every 25/30 square meter approximately and in any case on all structural joints of the building) to be closed with a special neutral white silicone, or in any color chosen by the construction supervisor, like Mapei Mapesil LM, or by appropriate brass or aluminum joints. Included is the final grouting with pre-mixed product (like Mapei Keracolor FF) of the color chosen by the the construction supervisor (possibly mixed with powder of the same stone to get the most appropriate color).</p> <p>Including surface treatment of stone products with water-based or solvent based water-oil repellent and wax company FILA.</p> <p>Measurement surface really installed.</p> <p>The price includes: measuring - cut to size list producing - supply and installation of the stone - grouting - supply of glue, silicone, expansion joints - treatment - packaging - transportation</p>

4. Specification for stairs and skirting in Vicenza Stone

Code	Product specifications
4a	<p>Classical staircase with bullnose</p> <p>Supply and installation of stair works in Vicenza Stone quality Bianco Avorio or Giallo Dorato or Grigio Alpi by GRASSI PIETRE SRL as per sample to be approved in advance by the construction supervisor, composed of tread thickness 4 cm bullnose long side, riser thickness 3 or 4 cm or shaped with cushioned-edge, including short worked edge if needed, any seen side honed, fresh-laid with sand and cement mortar on the bottom of the concrete (the latter not included) by double coating of glue like Mapei Keraflex White or White Granirapid. Including the final grouting of the stairs with pre-mixed product (like Mapei Keracolor FF) of the color chosen by the construction supervisor or with suitable mortar made from the mixture of stone dust of the same color and white cement. Including surface treatment of stone products with water based or solvent based water-oil repellent sealer company FILA.</p> <p>Measurement of actually laid linear meters:</p> <ul style="list-style-type: none"> - Treads = x1 times their length. - Shaped treads = x2 times their length. - Landings = x3 times their length. <p>The price includes: measuring cut to size list producing - supply and installation of the stone - grouting - glue supply – sealant - packaging - transportation</p>
4b	<p>Skirting for classical staircase</p> <p>Supply, installation and sealing of skirting in one piece with slide, th 1.8 cm, honed surface, edge radius = 1.5 cm. Counting for each unit piece.</p>
4c	<p>Free length skirting half bull nose</p> <p>Supply, installation and sealing of free length skirting h = 10 cm, thickness 1.8 cm, honed surface edge radius = 1.5 cm.. Measurement of linear meters actually installed.</p>

Code	Product specifications
4d	<p>Modern staircase</p> <p>Supply and installation of stair in Vicenza Stone quality Bianco Avorio or Giallo Dorato or Grigio Alpi by GRASSI PIETRE SRL as per sample to be approved in advance by the construction supervisor , composed of tread and riser 3 cm thick installed with no overhang , honed surface, straight chamfered edges, including honing of all seen sides , fresh-laid with sand and cement mortar on the bottom of the concrete (the latter not included) by double-spread glue like white Granirapid Mapei or white Keraflex .</p> <p>Including the final grouting of the stair with pre-mixed product (like Mapei Keracolor FF) of the color chosen by the construction supervisor or with suitable mortar made from the mixture of stone dust of the same color and white cement.</p> <p>Including surface sealant of stone with water based or solvent based water-oil repellent products and waxes, company FILA.</p> <p>Measurement of actually laid linear meters:</p> <ul style="list-style-type: none"> - Treads = x1 times their length. - Fans = x2 times their length. - Landings = x3 times their length. <p>The price includes: measuring cut to size list producing - supply and installation of the stone - grouting - glue supply – sealant - packaging - transportation</p>
4e	<p>Skirting for modern staircase</p> <p>Supply, installation and sealant of skirting in 2 pieces, th 1.8 cm, honed surface, straight chamfered edge.</p> <p>Count of each pair of elements</p>
4f	<p>Free length moderns skirting</p> <p>Supply, installation and sealant of free length skirting h = 8 cm, thickness 1.8 cm, honed surface, straight chamfered edge.</p> <p>Measurement of linear meters actually installed.</p>

5. Specification for solid elements in Vicenza Stone for frames and windows surroundings

Code	Product specifications
<p>5 a</p>	<p>Straight and non-shaped linear elements</p> <p>Supply and installation of solid elements to create contours, profiles or frames in Pietra di Vicenza quality Bianco Avorio or Giallo Dorato or Grigio Alpi by GRASSI PIETRE SRL as per sample to be approved in advance by the construction supervisor, honed finish, beveled edges, laid on satin lime mortar (this excluded, to be paid by the client) using white glue like Mapei Keraflex Maxi. Including the lower cut for draining the sills and covers.</p> <p>Including the securing of any hooks and fixing keys (for shoulders and lintels) made of stainless steel AISI 304 or galvanized steel, fixed to the structure with polyester putty or two-component resins.</p> <p>Including grouting of the joints with pre-mixed (like Mapei Keracolor FF) of the color chosen by the construction supervisor (possibly mixed with powder of the same stone to get the most appropriate color).</p> <p>Including surface treatment of the stone with water-based or solvent based hydro repellent products company FILA.</p> <p>The price includes: supply and installation of the stone - supply of mounting brackets - grouting - glue supply – sealant - packaging - transportation</p> <p>non-shaped linear elements.</p> <p>Measurement of the circumscribed cuboid volume.</p>
<p>b</p>	<p>Shaped linear elements linear elements with a standard shape on one side for shaped frames free length. Measurement of the circumscribed cuboid volume.</p>
<p>c</p>	<p>Lathed items (columns) Measurement of the circumscribed cuboid volume.</p>
<p>d</p>	<p>Balustrades Balustrades composed of base and cornice section. 25x10 cm with one shaped side, balusters diam. 15 cm h = 80 cm the linear development of the balustrade measurement.</p>

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