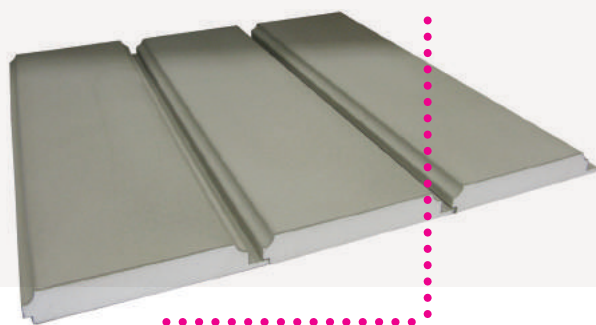
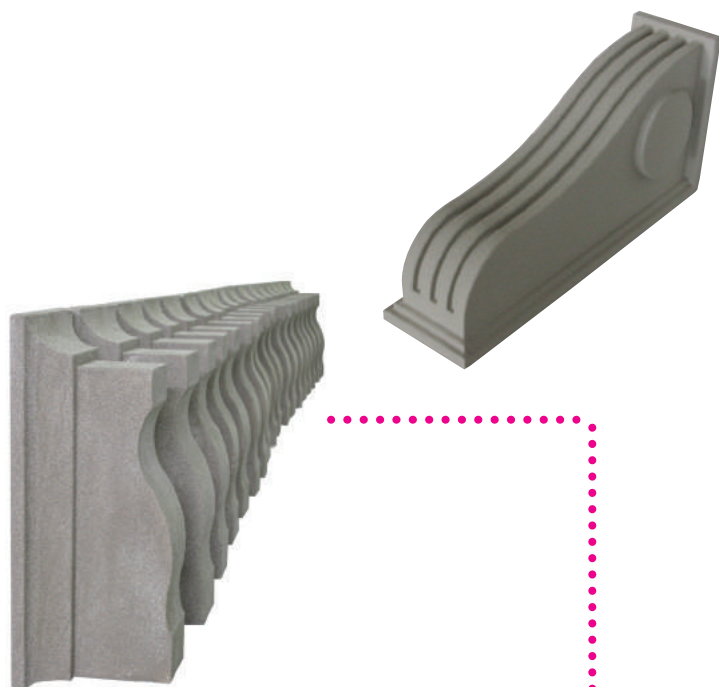


HIDRA EDGE

INTELLIGENT SOLUTIONS

2016 CATALOGUE

CORNICES AND PROFILES FOR EXTERIORS
CUSTOMISED PRODUCTION
OF CORNICES, PROFILES AND STRING
COURSES.



HIDRA EDGE

MADE TO MEASURE CORNICES AND PROFILES FOR EXTERIORS

Ever attentive to market changes and the need for practicality and functionality of professional users or technical departments, Hidra® offers architectural cornices and profiles made in high density sintered expanded polystyrene, suitably coated for external use. Decorative elements featuring easy installation, versatility and durability, thanks to the implementation of new production lines, provide the option of two types of coating, allowing the industry to identify the technical characteristics that are best suited to the requirements of each site.

Available in a multiplicity of models and sizes, almost all of the products are the result of the development of specifications and drawings provided by the customer.

So technical offices and sales outlets can search for a huge variety of profiles, mouldings, cornices and string courses from within the range of models found in the catalogue, or they can develop a model of their own design at no extra charge.

MADE TO MEASURE PRODUCTS WITH NO ESTABLISHMENT COSTS

TECHNICAL CONSULTANCY

PRODUCTION OF SPECIAL PREFORMED COMPONENTS

A SOURCE OF SUPPLY WITH NO WAREHOUSING, WASTE OR EXCESS STOCKS

THERMAL INSULATION OF BUILDINGS

EASE OF INSTALLATION

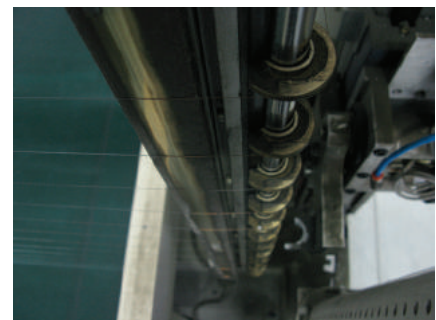
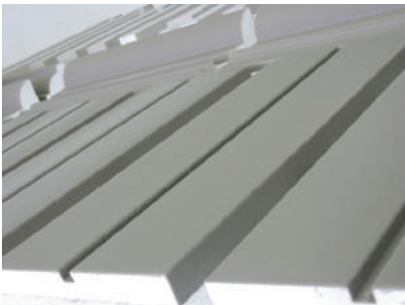
LIGHT AND DURABLE MOULDINGS



Modern architecture, with its emphasis on cleaner lines and a minimalist approach to aesthetics, has for decades phased out the use of all kinds of decoration, at times at the cost of the harmony and style of the buildings as well as of benefits related to their protection. Also more modest and simpler housing of necessity has called for more economical solutions that do not involve the use of decorative elements. Nevertheless, in recent years there has been a much needed and justified reassessment of all those decorative elements which confer a sense of harmony, proportion, order and refinement to buildings in a variety of architectural styles. Nevertheless, within this context, it would be anachronistic as well as non cost effective to return to the same methods as those used in the past for the manufacture of profiles, decorations and mouldings.



The need to offer the market architectural elements that are practical, functional and versatile, but above all economical and easy to use, has fuelled the pursuit of new materials/solutions in conjunction with modern methodologies for the study and design of the models.

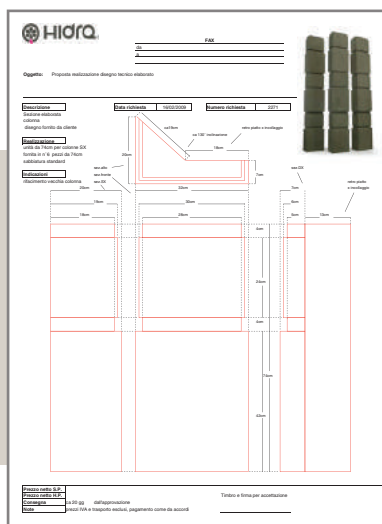
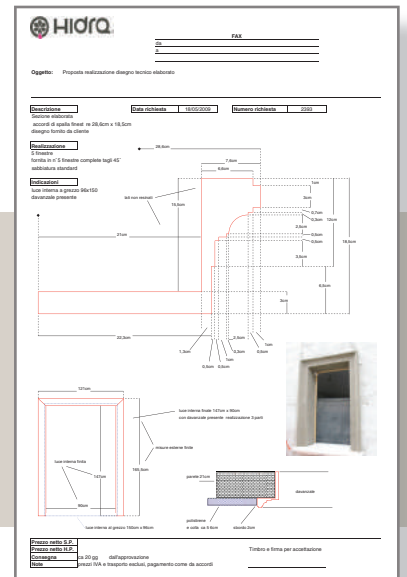
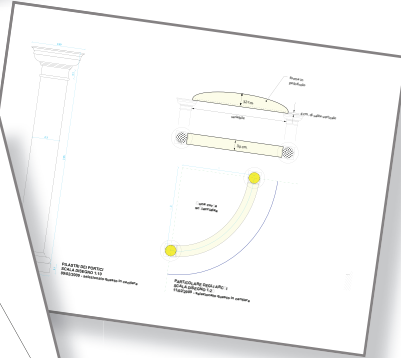
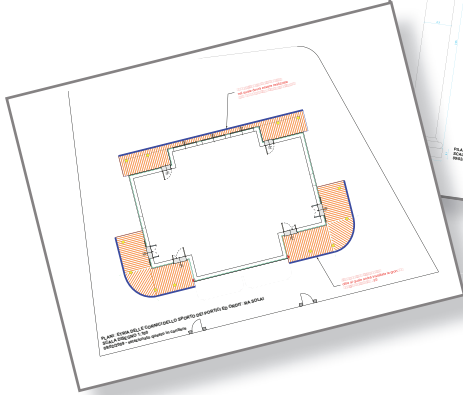
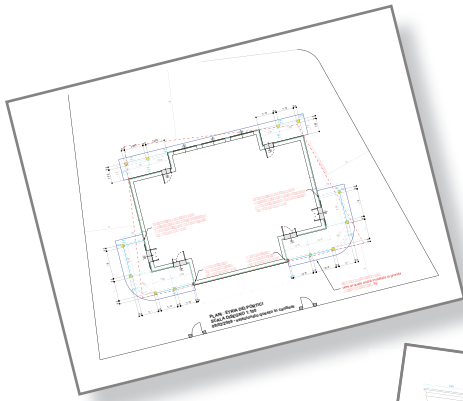


Hidra® srl, a young and fast-growing company, has combined the convenience and variety of large-scale production with the uniqueness and manufacturing flexibility of custom made products.

Indeed, we do not restrict ourselves to merely putting a technical drawing into production, but rather, every request for a quotation passes through the internal technical department that evaluates possible suggestions and solutions and then translates them into product specifications for submission to the customer along with the proposal.



TECHNICAL AND CONSULTANCY DEPARTMENT
EASY TO READ PRODUCTION SPECIFICATION
PRODUCTION WITH NO ESTABLISHMENT COSTS
DIVERSIFIED SUPPLY



HIDRA® EDGE CUSTOMISED CLADDINGS

The Hidra® Edge product range and all made to measure models are available with 2 types of coating:

S.P. (Soft protection)

H.P. (Hard protection)

The desired option is specified at the time of the order confirmation or the quotation.

S.P. SOFT PROTECTION:

A dark grey coloured, low thickness cladding with an emulsified epoxy resin base and a residential type finish.

An inexpensive product that is light and has excellent durability and elasticity.

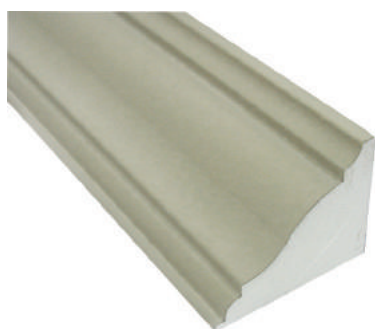


INEXPENSIVE PRODUCT
THIN LAYER CLADDING
ROUGH EFFECT
RESIDENTIAL FINISH, PLASTER
EFFECT
UNIFORM GRAIN SIZE
RAPID INSTALLATION AND
SANDING

H.P. HARD PROTECTION:

Light grey cladding for exteriors, smooth higher thickness with a 3.25 cement base, vinyl copolymer resins.

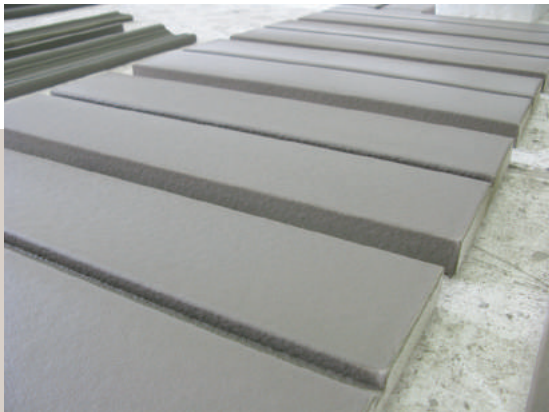
Luxury components that are rigid, highly resistant to compression and weathering.



LUXURY PRODUCT
HIGHER THICKNESS CLADDING
SMOOTH, MARBLE EFFECT FINISH
HIGH DURABILITY AND RIGIDITY
PRODUCED USING SPRAY
TECHNOLOGY



In the past refined mouldings and decorative friezes for adorning the façades or perimeters of buildings, were usually made on site by highly skilled personnel who created the required shapes in accordance with specifications. But this kind of skilled work required considerable technical expertise as well as a considerable amount of time and resources.



The shaping of high-density expanded polystyrene, gives the suitably coated end product significant thermal insulation properties.

Indeed, it is common for the concept of decorating buildings with mouldings, ashlar or profiles, to be combined with the benefit of protecting and insulating the structure from the effects of the weather at low temperatures.

It is still possible though, to create moulds and shuttering for casting in concrete and mortars, using moulds that are either disposable or reusable with the use of a suitable film.



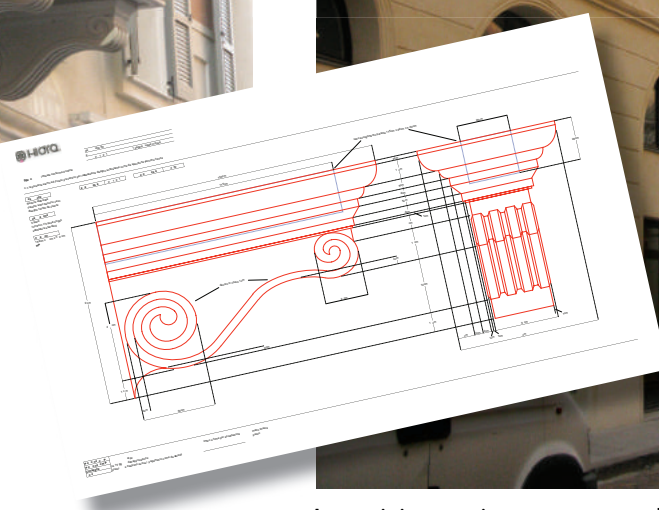
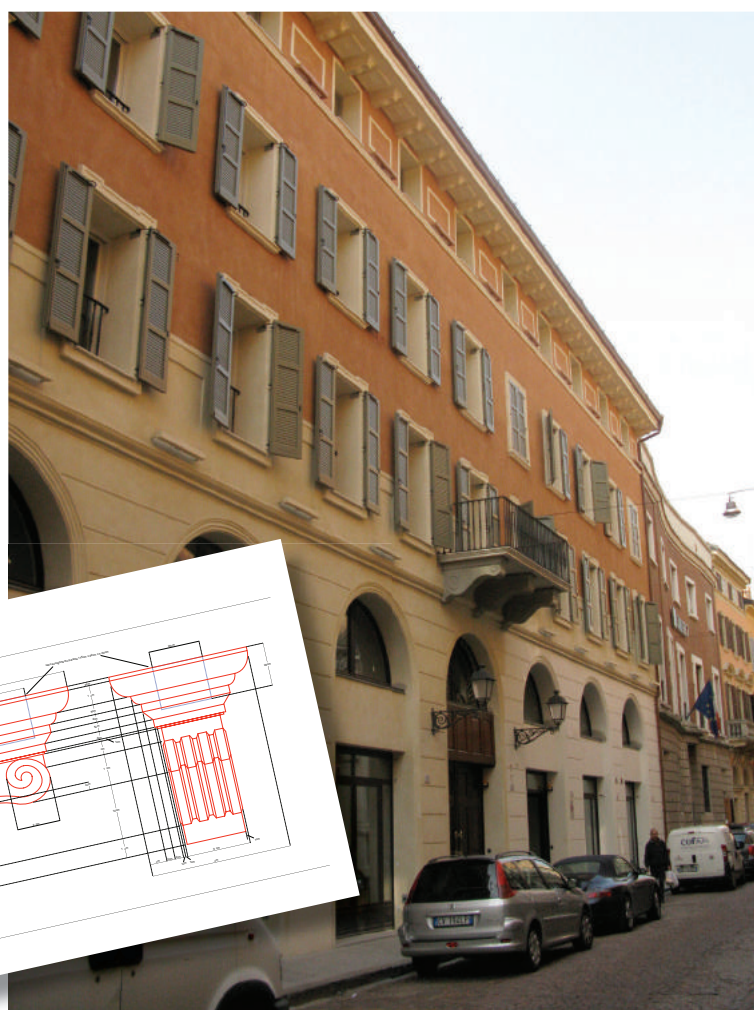
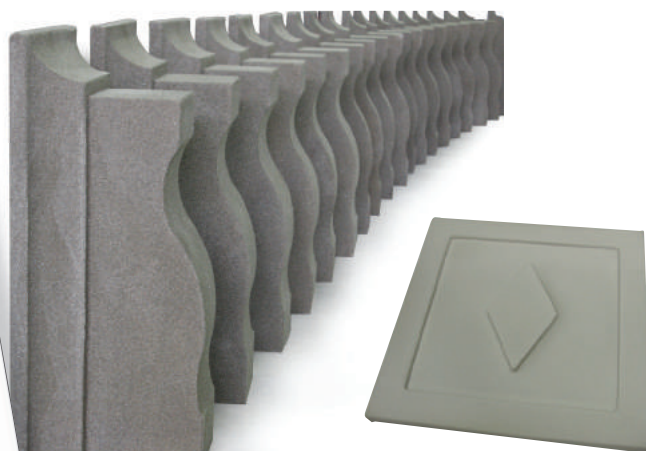
[illegible]

Every request for a quotation passes through the internal technical department that evaluates possible suggestions and solutions and then translates them into product specifications for submission to the customer along with the proposal.

A photograph of a two-story building with a white facade and several windows. The ground floor has a large open doorway and a smaller door. A construction barrier with various warning signs is in the foreground.



At this time you can make any changes prior to the start of production. This approach reduces the risk of misunderstandings and oversights typical of requests made using non conventional media, most products in fact being based on free-hand sketches, telephone instructions or pieces of old traditional cornices detached from the wall.



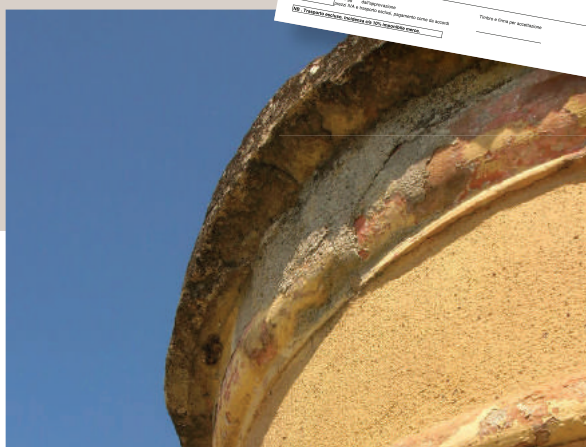
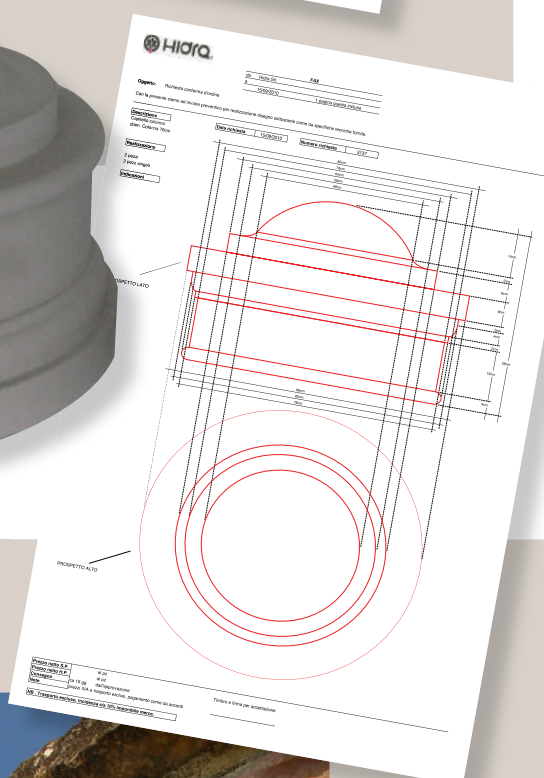
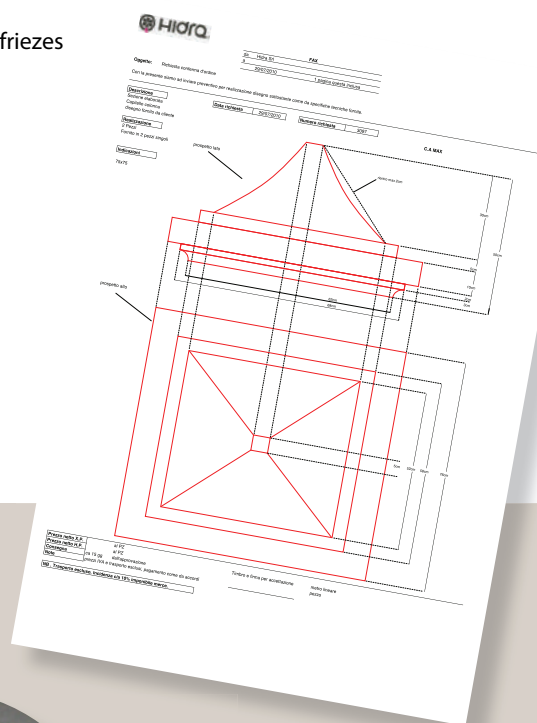
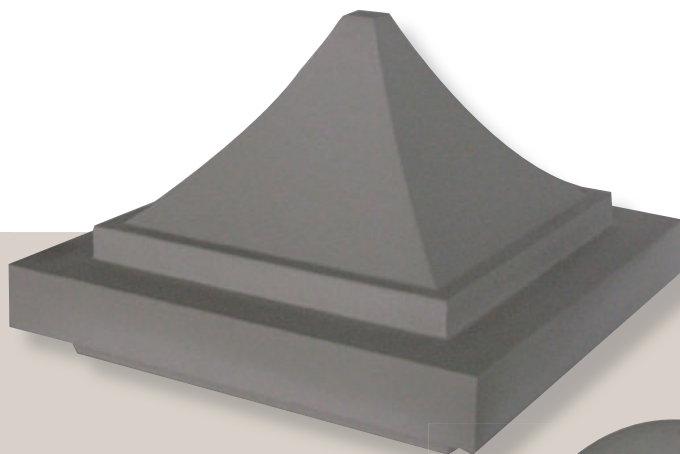
A prestigious project to restore and enhance an old dwelling in the old town centre: creation of large decorative balcony supports (beam cavities), ledges and plates placed under the pitch, around apartment entrance doors.

Capitals

Renovation of a country farmhouse.

Reconstruction in concrete of the pillars at the farm entrance for hanging heavy gates.

Made to measure decorative elements such as reproduction capitals and friezes with HP coating.

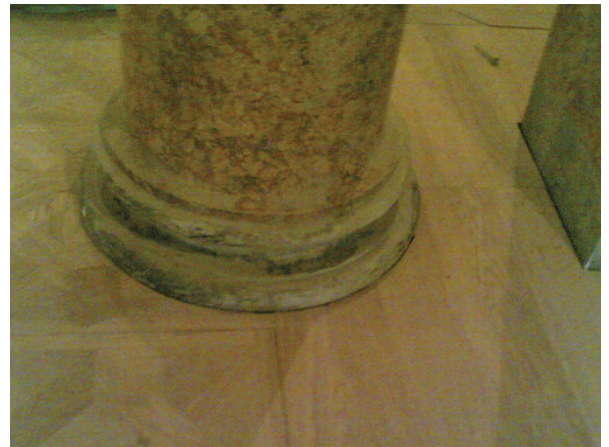
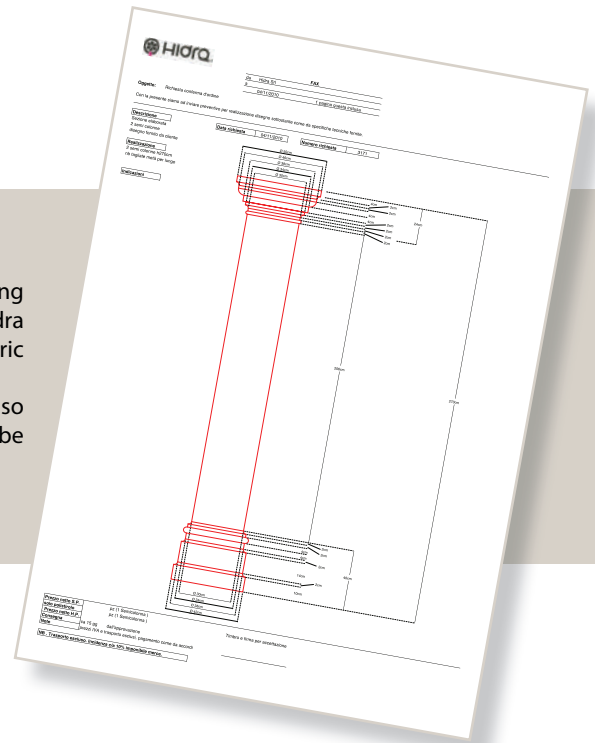




Columns

Hotel extension with reproduction of existing marble columns. The specifications of the Hidra Edge elements called for the production of a Doric capital.

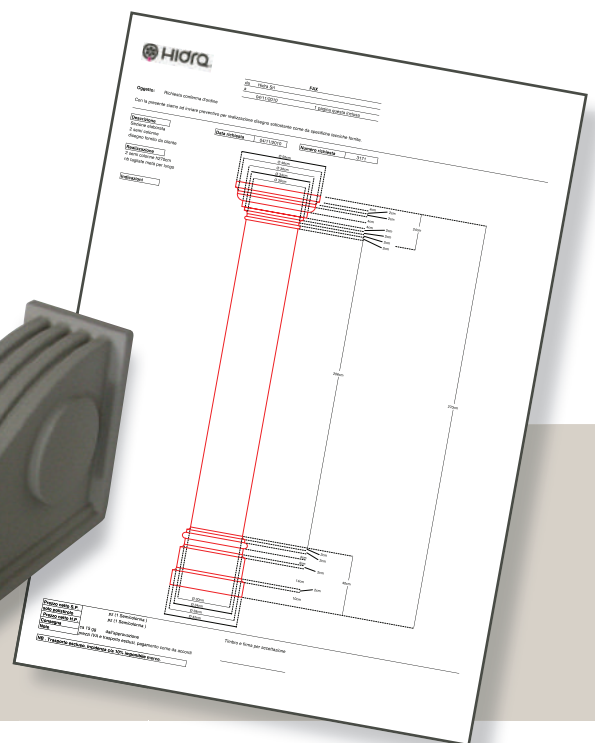
The positioning of the columns in the room also required that a number of semi-columns be produced for fitting to the walls



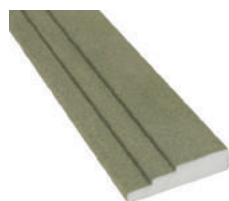
Ledges

Project to enlarge and partially renovate a historic building.

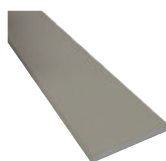
Reproduction of the ledges below the balconies with the addition of a circular frieze at the sides.



String courses



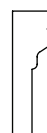
MP.H.0910: String course
Height 155 mm
Depth 40 mm
Length 1000 mm



MP.H.1502: String course
Height 150 mm
Depth 20 mm
Length 1000 mm



MP.H.0809: String course
Height 100mm
Depth 30mm
Length 1000mm



MP.H.1545: String course
Height 150 mm
Depth 45 mm
Length 1000 mm



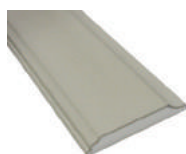
MP.H.2878: String course
Height 278 mm
Depth 78 mm
Length 1000 mm



MP.H.1904: String course
Height 190 mm
Depth 40 mm
Length 1000 mm



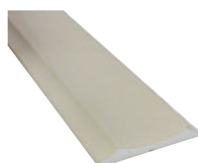
MP.N.1504: String course
Height 140 mm
Depth 40 mm
Length 1000 mm



MP.H.2203: String course
Height 220 mm
Depth 30 mm
Length 1000 mm



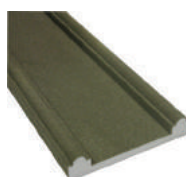
MP.B.1104: String course
Height 115 mm
Depth 40 mm
Length 1000 mm



MP.H.2522: String course
Height 250 mm
Depth 40 mm
Length 1000 mm



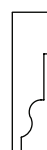
MP.B.0810: String course
Height 140 mm
Depth 40 mm
Length 1000 mm



MP.H.3055: String course
Height 300 mm
Depth 55 mm
Length 1000 mm



MP.B.1225: String course
Height 120 mm
Depth 25 mm
Length 1000 mm



MP.N.1704: String course
Height 170 mm
Depth 45 mm
Length 1000 mm



MP.B.1403: String course
Height 140 mm
Depth 30 mm
Length 1000 mm

String course: They are a type of cornice consisting of a series of protruding mouldings that can reproduce the shapes of the cornices of classical orders.

They are used to provide an external demarcation of the internal divisions between the floors of a building.

In general, they can be applied in two different positions: at the floor level or at window sill level.

They are especially useful for separating two or more similar colours on the facade, making subsequent maintenance activities easier.

Cornices



CR.H. 0310: Cornice
Height 80 mm
Depth 30 mm
Length 1000 mm



CR.H.8615: Cornice
Height 140 mm
Depth 85 mm
Length 1000 mm



CR.H.0307: Cornice
Height 70 mm
Depth 40 mm
Length 1000 mm



CR.N.1004: Cornice
Height 130 mm
Depth 40 mm
Length 1000 mm



CR.N. 1203: Cornice
Height 120 mm
Depth 30 mm
Length 1000 mm



CR.A.0927: Cornice
Height 90 mm
Depth 27 mm
Length 1000 mm

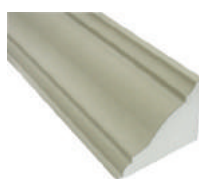
More generally, the term cornice is used to refer to a protruding moulded component that forms a frame around building elements such as doors, archways or windows, in order to give greater prestige and importance to these structures. Currently they are particularly useful for covering uneven joints following the application of cladding for thermal insulation.



Under-eave cornices



SG.H.2010:
Under-eave cornice
Height 145 mm
Depth 100 mm
Length 1000 mm



SG.H.2117:
Under-eave cornice
Height 214 mm
Depth 168 mm
Length 1000 mm



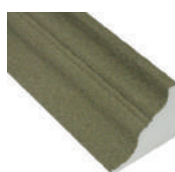
SG.B.1510:
Under-eave cornice
Height 150 mm
Depth 95 mm
Length 1000 mm



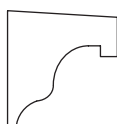
SG.A.1451:
Under-eave cornice
Height 145 mm
Depth 110 mm
Length 1000 mm



SG.B.1512:
Under-eave cornice
Height 150 mm
Depth 100 mm
Length 1000 mm



SG.N.1411:
Under-eave cornice
Height 140 mm
Depth 110 mm
Length 1000 mm



SG.H.2050:
Under-eave cornice
Height 150 mm
Depth 130 mm
Length 1000 mm

Under-eave cornice: they stem from the need to create an aesthetic element that protrudes from the wall and drains rainwater away from buildings. As a result, their shape usually features a distinct projection (called the "soffit" of the cornice).

Generally positioned under the overhang of a roof or soffit, as used today, in addition to their decorative function, they are particularly useful for concealing cables or pipes, as well as insulating load-bearing concrete structures.



SG.H.3010:
Under-eave cornice
Height 330 mm
Depth 300 mm
Length 1000 mm



SG.H.4040:
Under-eave cornice
Height 400 mm
Depth 400 mm
Length 1000 mm

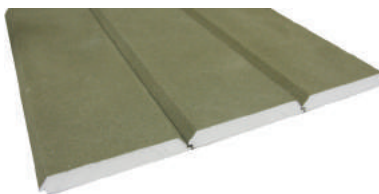


Cladding strips

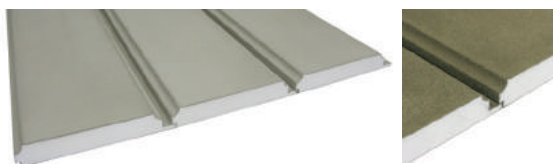
A moulding is a strip that is shaped with a continuous geometric profile along its entire length. Generally used in architectural decoration in order to emphasise the division of the building into parts, by using appropriate repetitions they add harmony and elegance to the structures. By creating overlapping joints it gives continuity to the decorative cladding, providing good insulation to the walls without exposing the sections beneath, and in addition, the overlapping of the upper segment over the one below prevents rainwater from entering behind them.



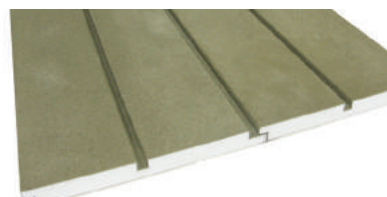
FC.H.2504: Cladding strips
Height 250 mm
Depth 40 mm
Length 1000 mm



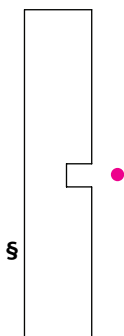
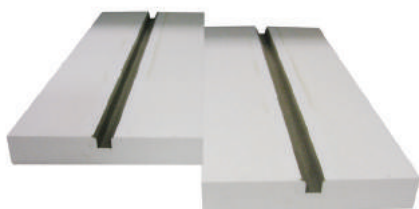
FC.H.3145: Interlocking cladding strips
Height 310 mm
Depth 45 mm
Length 1000 mm



FC.H.3350: Interlocking cladding strips
Height 330 mm
Depth 50 mm
Length 1000 mm



FC.H.4640: Interlocking cladding strips
Height 458 mm
Depth 40 mm
Length 1000 mm



FC.H.4380:
Cladding strip treatment only on the joint
Height 430 mm
Depth 80 mm
Length 1000 mm



FC.H.3850:
Cladding strip treatment only on the joint
Height 380 mm
Depth 50 mm
Length 1000 mm

● coating on the joint

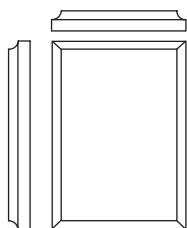


Ashlars – Corner stones

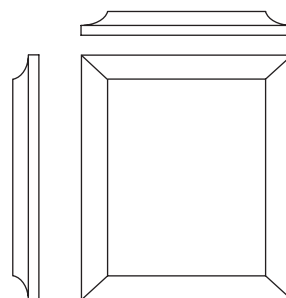
Rustication is a type of decorative cladding typical of Renaissance architecture. It is a cladding composed of stones that protrude from the wall (ashlars), and is usually used for skirting or to clad buildings up to the floor level of the ground floor.



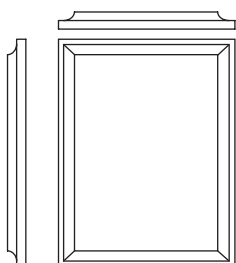
BP.B.3725: Ashlar corner stones
Height 250 mm
Depth 40 mm
Length 375 mm



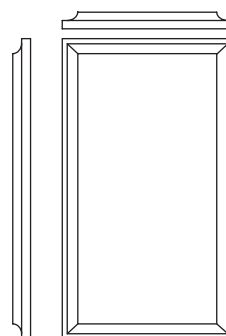
BP.H.5040: Ashlar corner stones
Height 400 mm
Depth 50 mm
Length 500 mm



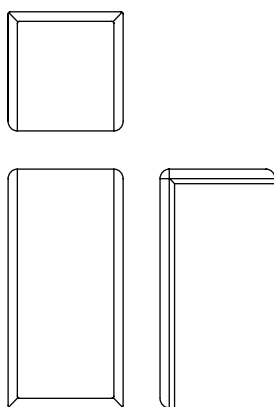
BP.M.4532: Ashlar corner stones
Height 325 mm
Depth 35 mm
Length 450 mm



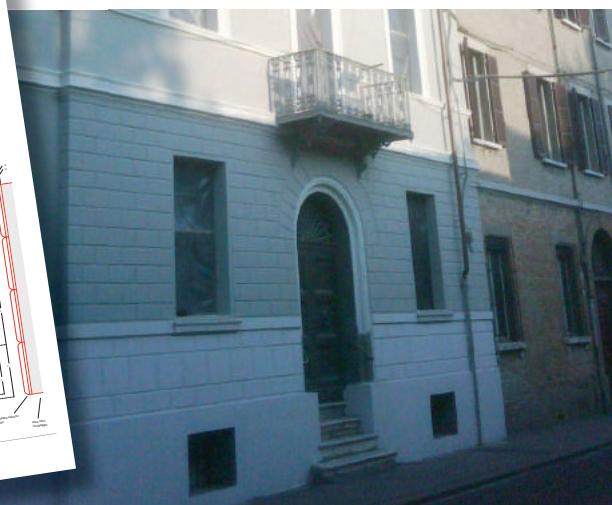
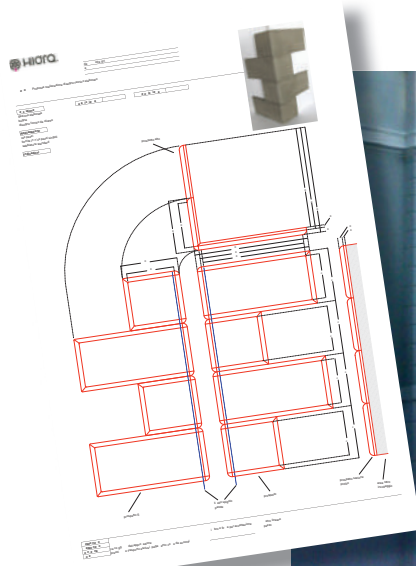
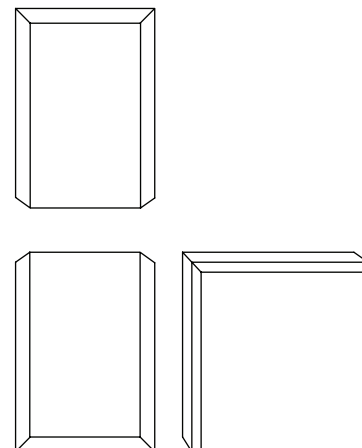
BP.M.6132: Ashlar corner stones
Height 325 mm
Depth 35 mm
Length 610 mm



BP.H.5025: Ashlar corner stones
Height 250 mm
Depth 30 mm
Length of right side 500 mm
Left side 250 mm



BP.H.3630: Ashlar corner stones
Height 300 mm
Depth 40 mm
Length of right side 400 mm
Left side 400 mm





LS.H.0204: Listel
Height 40 mm
Depth 20 mm
Length 1000 mm



LS.H.0206: Listel
Height 60 mm
Depth 20 mm
Length 1000 mm



LS.H.0208: Listel
Height 80 mm
Depth 20 mm
Length 1000 mm



LS.H.0210: Listel
Height 100 mm
Depth 20 mm
Length 1000 mm



LS.H.0212: Listel
Height 120 mm
Depth 20 mm
Length 1000 mm



LS.H.0214: Listel
Height 140 mm
Depth 20 mm
Length 1000 mm



LS.H.0216: Listel
Height 160 mm
Depth 20 mm
Length 1000 mm



LS.H.0218: Listel
Height 180 mm
Depth 20 mm
Length 1000 mm



LS.H.0220: Listel
Height 200 mm
Depth 20 mm
Length 1000 mm



LS.H.0225: Listel
Height 250 mm
Depth 20 mm
Length 1000 mm



LS.H.0230: Listel
Height 300 mm
Depth 20 mm
Length 1000 mm



LS.H.0306: Listel
Height 60 mm
Depth 30 mm
Length 1000 mm



LS.H.0308: Listel
Height 80 mm
Depth 30 mm
Length 1000 mm



LS.H.0310: Listel
Height 100 mm
Depth 30 mm
Length 1000 mm



LS.H.0312: Listel
Height 120 mm
Depth 30 mm
Length 1000 mm



LS.H.0314: Listel
Height 140 mm
Depth 30 mm
Length 1000 mm



LS.H.0316: Listel
Height 160 mm
Depth 30 mm
Length 1000 mm



LS.H.0318: Listel
Height 180 mm
Depth 30 mm
Length 1000 mm



LS.H.0320: Listel
Height 200 mm
Depth 30 mm
Length 1000 mm

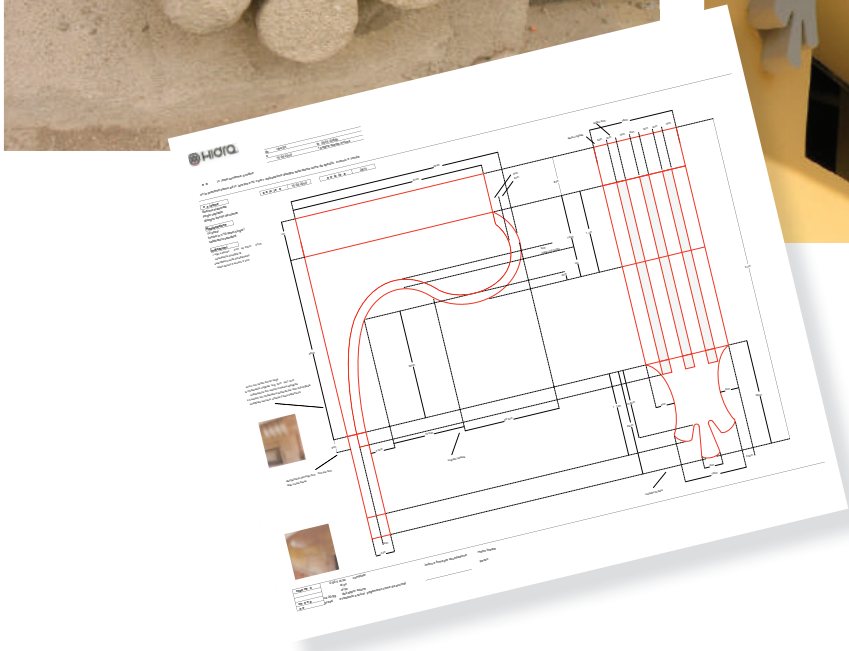


LS.H.0325: Listel
Height 250 mm
Depth 30 mm
Length 1000 mm



LS.H.0330: Listel
Height 300 mm
Depth 30 mm
Length 1000 mm





Instructions

1) Preparing the surface: The surface must be flat, free from dust, grease or other substances that could compromise the adhesion, solid, cohesive, cured and devoid of any organic compounds such as moss or algae. Remove any layers of old paint or other coatings that could prevent the Hidra Edge product from adhering. Where necessary, install "U" shaped aluminium profiles, securing them with wall plugs.

2) Cut the Hidra Edge component as required with either a circular bench saw or a wood hacksaw. Alternatively it is possible to order items with the ends cut at different angles or to request pre-formed corners.

3) Apply Hidra Coll glue evenly on all the product's rear and/or upper surfaces, taking care to put some of the mixture also in the cavity that may have been made in the back sections.

4) Where necessary, use temporary supports to hold the components in place until the glue has dried completely.

5) Seal the sides of the Hidra Edge models with Hidra Coll and a paintable acrylic silicone.

A special reinforcing mesh can be laid at the joints, interposed between layers of Hidra Coll.

6) Paint the Hidra Edge models using a suitable coating product appropriate to the nature of the site (type of exposure, building usage, etc.).



Hidra Edge display panel



All Hidra Edge items are made specifically to meet the requirements of the client, therefore production of the items requires time for the technical issues involved.

When quotations or order confirmations are submitted, clients are advised to consider sufficient time for this process.

Depending on the specifications, it is possible that there may be some minor imperfections, but they present no problems of either a technical or an aesthetic nature.



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