



Beyond imagination







**P**ressbeton, being an alternative technology of performing decorative external and internal surfaces, shows what a creative material may concrete be, it delights many human eyes and satisfies at the same time the needs of the most demanding architects and investors. PRESSBETON Surfaces with their nature and climate fit every style of architecture – from old to the most modern forms.





# CLASS











# MOOD

The secret of PRESSBETON technology is pressing a specified pattern in a properly prepared and coloured surface of fresh concrete. With appropriately designed base and concrete slab the surface is able to take any load. The applied surface materials (hardener and sealer) cause that the user receives pavement with increased abrasion resistance, not saturating, frost resistant and easy to be kept clean. The proof of versatility of PRESSBETON technology are numerous projects of sidewalks, driveways, petrol stations, car parks, environment of sacral facilities.



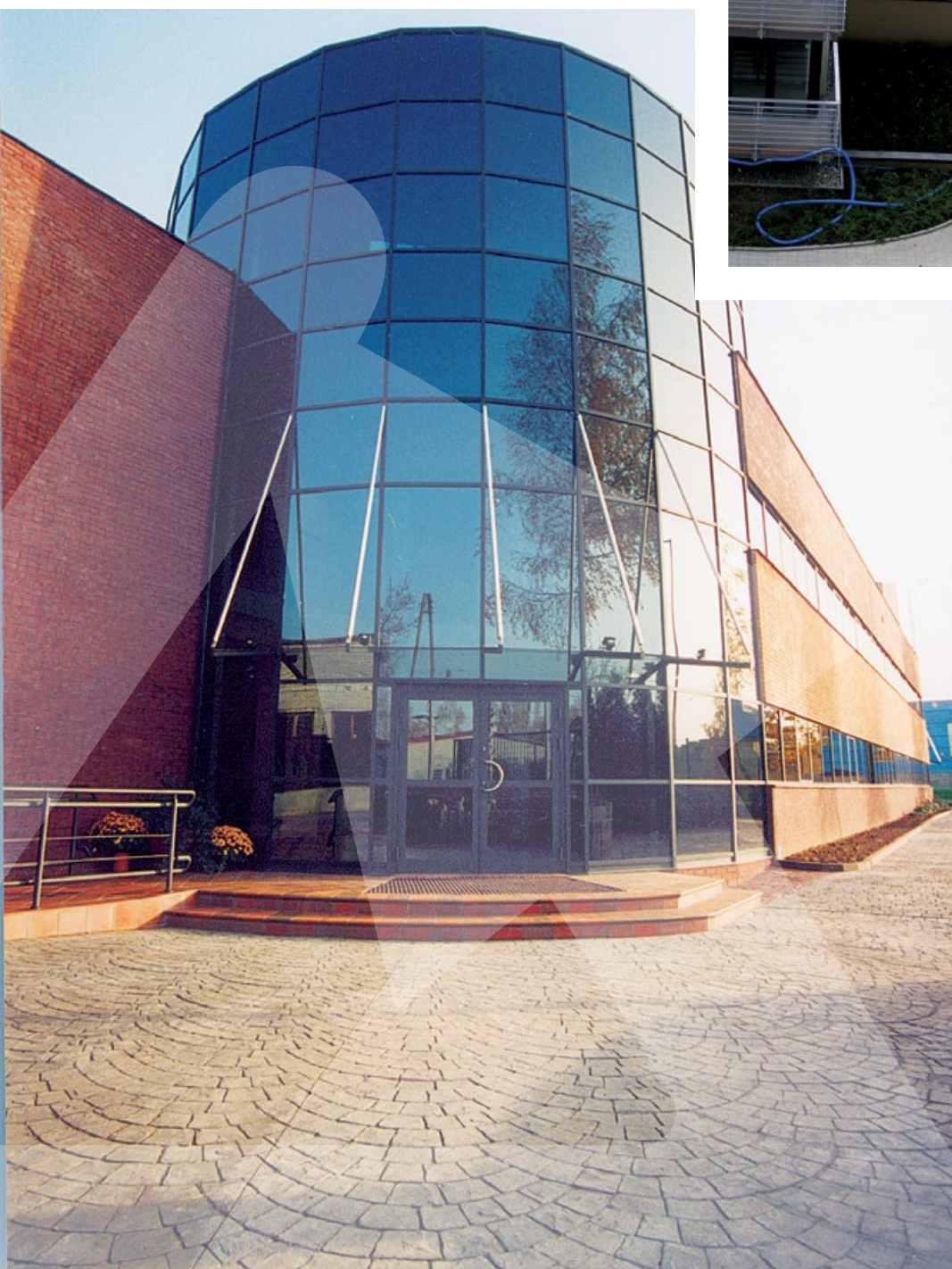




**P**RESSBETON draws the attention of designers and users with simplicity of the used material and its beauty imitating stone, brick, sandstone, Roman pavement, granite, stone and even board. Any possibilities of combining shape with colouring give numerous solutions, often unique.







**N**on-standard finishing of buildings, entrances, access roads emphasizes the prestige of the structure and its individual character.







The possibility to adjust the thickness of the surface to individual requirements and local conditions in connection with richness in terms of design and colour proves universality of PRESSBETON. Appropriately designed surface guarantees transfer of any utility loads from light vehicles to several tons trucks, buses etc. being an escape from monotony of block paving and the greyness of concrete. On the contrary, the possibility to perform in the form of thin, 10-15 mm layer applied on the existing concrete surface enables original arrangements of interiors of restaurants, pubs, as well as patio, terraces etc. being an alternative to any tiles, linings and parquets.



Growing needs and requirements of investors and many years of practice contributed to establishment of specialized software that enables creation of technological designs based on output data including, among others, ground conditions, expected static and dynamic loads and requirements concerning the surface itself. Thanks to examining individual requirements and local conditions surfaces are made „to measure”.



## Secret of durability



### HEAVY DUTY PAVEMENTS (TRUCKS)

Thickness: 15-20 cm, concrete C30/37 reinforced with steel fibres BAUMIX

Ground base /base with the required minimum secondary deformation module  $E_{v2} \geq 90$  MPa

### LIGHT PAVEMENTS (CARS)

Thick.10-12 cm, concrete C20/25 - C25/30 reinforced with steel fibres BAUMIX and polypropylene BAUCON

Ground base /base with the required minimum secondary deformation module  $E_{v2} \geq 90$  MPa

### PEDESTRIAN

Thickness: 10 cm, concrete C20/25 reinforced with polypropylene fibres BAUCON and steel BAUMIX

Ground base /base with the required minimum secondary deformation module  $E_{v2} \geq 90$  MPa

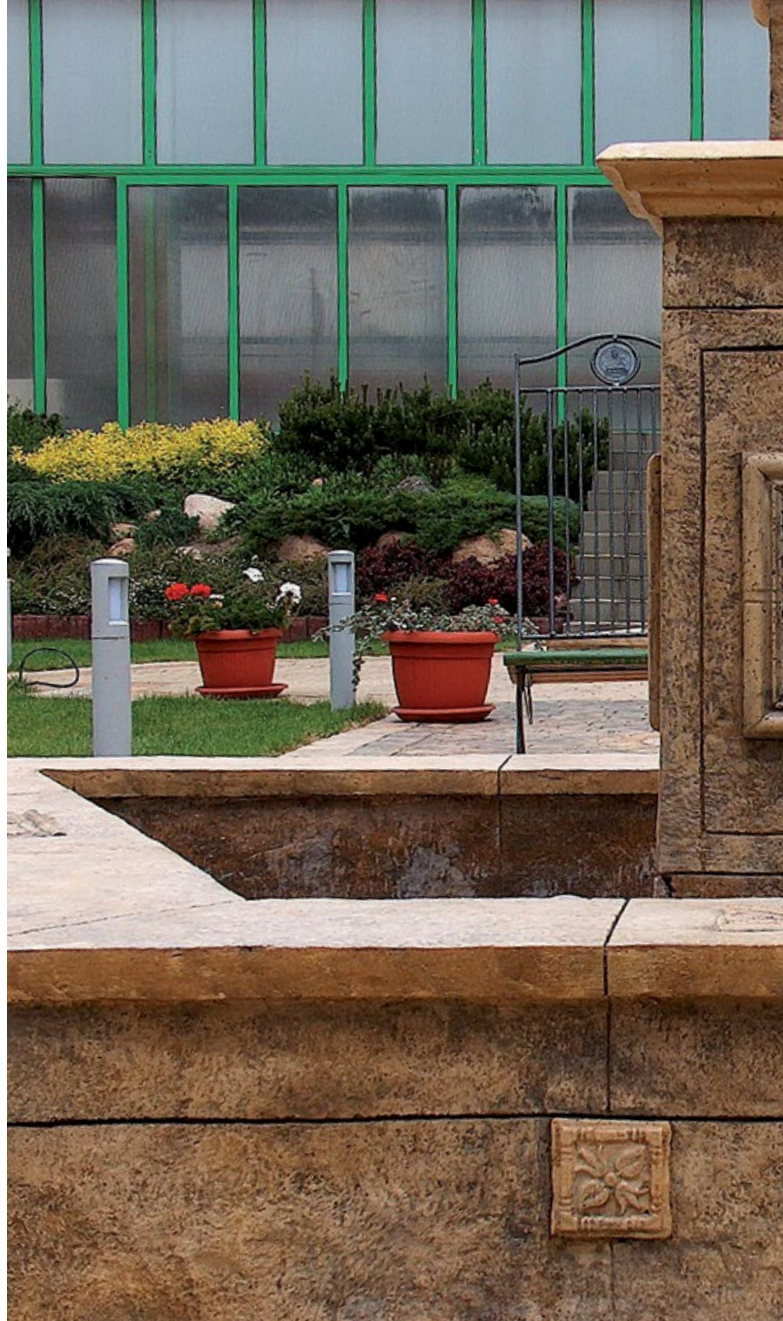
CONCRETE SLAB

SUBSTRUCTURE



# Vertical

Now it is already known that even the best architectonic concept collapses, if there are no appropriate means to implement the intended goal. In the places where the imagination of the designer races reality what offers assistance is Press-Beton Vertical technology, which enables adaptation of any pattern and colour (also this from the floor) on vertical surfaces. In almost free conditions of possibilities and lack of any barriers, imagination of every designer starts to work completely differently. In Press-Beton Vertical technology we will perform monolithic wall lining imitating e.g. stone (the so-called artificial rocks), wood, brick, skin or plant elements in any colour. The composition can be filled with made by casting method PressBeton Vertical, wall: bas-reliefs, reliefs, coats of arms and logos. Vertical technology enables making of any 3d elements, referring by the texture and colour to the environment. Monolithic character of 3d elements, adds them a lot of charm, not interrupting at the same time the line of front of the entire composition.











Uniform surface of PressBeton Vertical is characterized by lack of visible seal suppression and cuts in their internal structure, which essentially affects the final visual effect. Creation of any geometry, also irregular enables composition of original, avant-garde arrangement and the use of non-standard finishing techniques. It is particularly used in places, such as: art galleries, commercial rooms or restaurants. Not trivial vertical surface finishing may also constitute element of elegant decor of a hotel reception desk or lecture hall. What is important, it can be also coloured to any colour, adapting to individual character of the interior.







A variety of possibilities is very wide. Realism, classics, universality, extraordinary durability as well as ease in cleanliness maintenance, determines outstanding properties of the technology and determines the revolutionary character of PRESSBETON VERTICAL technology. Would you expect something more?







**PRESS<sup>®</sup>**  
**BETON**





**R**esistance to atmospheric factors and UV enables the application of Pressbeton Vertical technology also outdoors. Using the technique of pressing concrete we will aesthetically finish decorative elements of small architecture such as e.g. pedestals, wells, low retaining walls or artificial rocks.











**T**errace is a showcase of each house, it is the place where we rest and it is the place of summer meetings with friends. Appropriately designed, it becomes an integral part of garden, and richness in terms of design and colour of PRESS-BETON technology even enables unlimited possibilities of shaping its form.





# Eight steps to beauty



1 Putting composite concrete onto a specially prepared base.



2 Compacting the concrete with a vibration floating screed.



3 Application in a proper dose of a coloured hardener MULTITOP PRESSBETON on the surface of fresh concrete.



4 Troweling and smoothing of the applied hardener using special steel bullfloat.



5 Application of PRESSBETON release agent preventing adhesion of pressing forms to the concrete surface.



6 Pressing the pattern on the surface of fresh concrete with the use of appropriate forms.



7 Washing the release agent with pressure unit from the surface of concrete.



8 Impregnating of dry surface with acrylic sealer BAUSEAL ENDURO PLUS providing it with intensive colour and limiting penetration of water, oils, lubricants etc.



# Rich range of colours

<b>TILE RED</b>  <b>MT101</b>	<b>LAWN GREEN</b>  <b>MT102</b>	<b>DESSERT BEIGE</b>  <b>MT103</b>	<b>OLD GOLD</b>  <b>MT105</b>	<b>CHOCOLATE</b>  <b>MT106</b>
<b>LIGHT SANDSTONE</b>  <b>MT104</b>	<b>SILVER-GREY</b>  <b>MT107</b>	<b>CHARCOAL</b>  <b>MT108</b>	<b>GOLDEN SANDSTONE</b>  <b>MT114</b>	<p>The above colours present only approximate effect without release agent. There is a possibility of free combination of patterns and colours.</p>

# Diversity of PRESSBETON forms





# Diversity of PRESSBETON forms

## IRREGULAR PAVING

PM507 116 X 52 CM



## CLASSICAL PAVING

PM508 118 X 52 CM



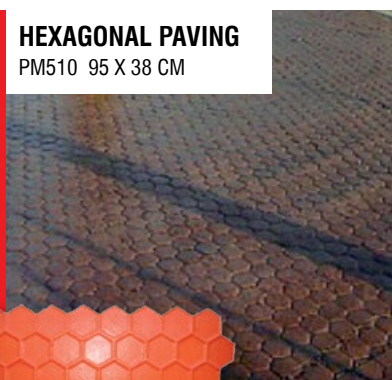
## BELGIAN PAVING

PM509 74 X 42 CM



## HEXAGONAL PAVING

PM510 95 X 38 CM



## ANTIQUE PAVING

PMD582 82 X 23 CM



## RUSTIC PAVING

PM511 63 X 43 CM



## ARABIC BRICK

PM512 85 X 65 CM



## BRICK BASKETWEAVE

PM513 80 X 40 CM



## HERRINGBONE BRICK

PM514 90 X 65 CM



## ANTIQUE BRICK

PM515 97 X 97 CM



## IRREGULAR SLATE

PM516 98 X 98 CM



## IRREGULAR SLATE

PM517 60 X 60 CM





### PINE BOARD

PM518 150 X 50 CM

### SPANISH BOARD

PM519 91 X 49 CM

### CANADIAN BOARD

PM520 123 X 50 CM

### ALPINE BOARD

REF. MP-01 180 X 30 CM

REF. MP-02 120 X 30 CM

REF. MP-03 90 X 30 CM

REF. MP-04 60 X 30 CM

**PRESS<sup>®</sup>**  
**BETON**

### PEBBLE

PMD 583 85 X 22 CM

### STONE BOARD

PM522 90 X 90 CM

### MOUNTAIN STONE

PM523 61 X 50 CM

### NUT BOARD

PM524 127 X 46 CM

### AUSTRIAN PAVING

PM525 108 X 70 CM

### CZECH PAVING

PM526 131 X 78 CM

### ITALIAN SLATE

PM527 91 X 91 CM



# Wide range of models and colours

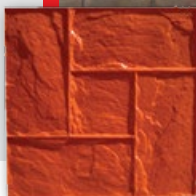
## ENGLISH BOARD

PM528 90 X 40 CM



## ROMAN SLATE

PM529 61 X 61 CM



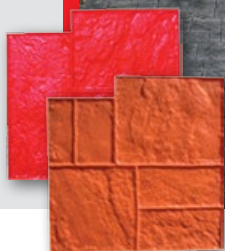
## SEA SLATE

PM530 91 X 91 CM



## IRREGULAR SANDSTONE

PM531 61 X 61 CM



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**BETON**

## BASALT SLATE

PM532 60 X 60 CM



## VENICE BOARD

PM533 80 X 75 CM



## ITALIAN PAVING

PM534 90 X 40 CM



## FRENCH PAVING

PM535 80 X 80 CM



## OLD ENGLISH PAVING

PM536 71 X 51 CM



## SPANISH PAVING

PM537 80 X 54 CM



## ROMAN PAVING

PM538 121 X 63 CM





# PRESSBETON VERTICAL

**WALLS SLATE**

PM601



MULTITOP VERTICAL – technology of performing decorative facade surface imitating natural materials, being an ideal supplementation of PRESSBETON surface.

**BOLOGNESE STONE**

PM602



**PYRENEAN SLATE**

PM603



**PRESS<sup>®</sup>**  
**BETON**

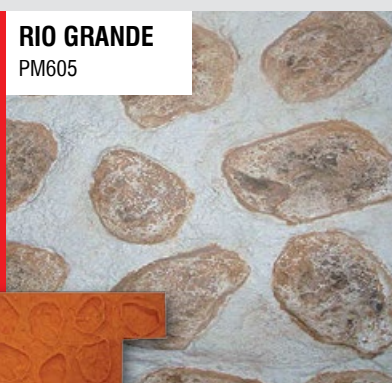
**BRICK WALL**

PM604



**RIO GRANDE**

PM605



**CAUCASIAN SLATE**

PM606



**SPANISH SLATE**

PM607



**SCOTTISH SLATE**

PM608



**RUSTIC PAVING**

PM609



**MONT BLANC**

PM610





# OFFER OF **BAUTECH**<sup>®</sup> COMPANY

## ► **FOR CONTRACTORS**

- Complex training, design and consulting
- Specialized tools and equipment
- Complex delivery of PRESSBETON<sup>®</sup> components

## ► **FOR DESIGNERS AND ARCHITECTS**

- Assistance in selection of structure and type of surface depending on purpose and environment

## ► **FOR INVESTORS**

- Tested surface for years, satisfying all tastes



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