

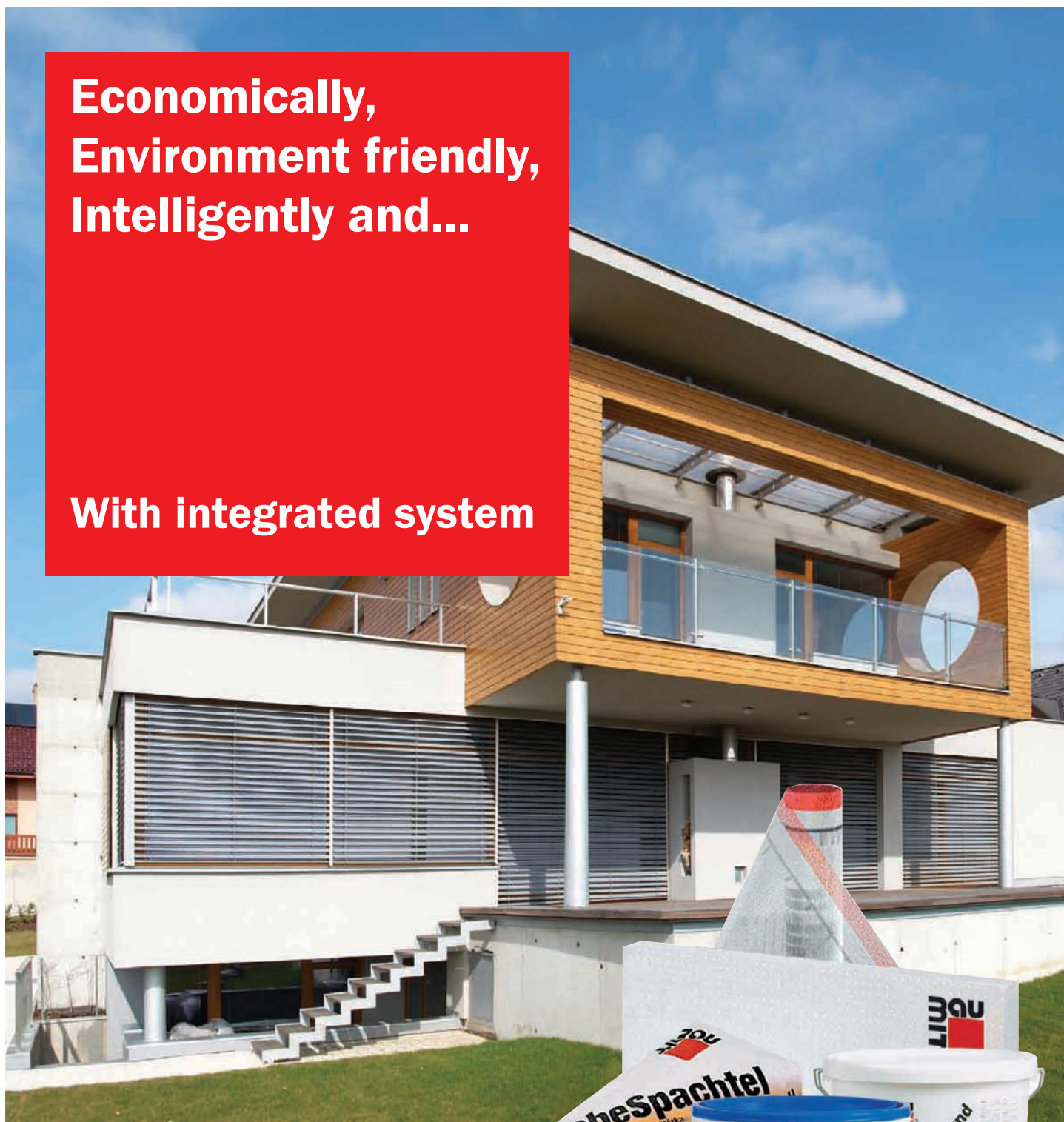
Baumit EPS Heat insulation system



baumit.com

**Economically,
Environment friendly,
Intelligently and...**

With integrated system



Info service



Baumit Insulation system

Baumit Insulation system EPS is a modern, contact insulation system based on the latest thermal technology and construction physics knowledge. Quality finishing provides a long-term protection against outdoor climate changes and thanks to the wide possibilities of material, structure and coloring choice it offers individual depicting of house facade.



Benefits of Baumit insulation system

- Possibility to apply on all standard construction backgrounds
- Unlimited possibilities of architectural depicting of facade
- Wide range of services and customer services
- Certified products and systems which comply with EU standard requirements
- Baumit – a reliable partner with rich experience in insulation industry

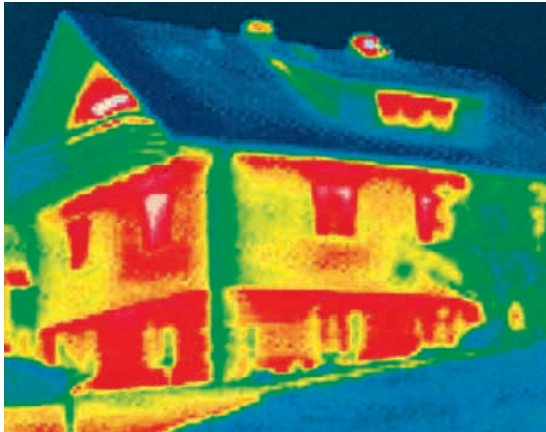


Quality assurance

Baumit contact insulation system EPS comply with the European Council Directive 89/106/EC to open great opportunities on EU construction market.



Building Insulation



Red = extremely strong heat loss
Yellow = strong heat loss

Thermographic images clearly show that weakness in the construction, such as thermal bridges, which transfer heat to the outside, cause extreme heat losses. This doesn't have to be the case:

this can be prevented by a thorough, balanced thermal renovation of your house. This is expressed not only in the saving on heating costs, but also by a more pleasant room and living climate.

The lower the heating costs, the higher the subsidy

Thermal renovation measures are subsidised by the provinces and the country – in general, the subsidy package covers measures to increase heat, noise, emission and damp protection such as the heat insulation of external walls and other energy-saving measures.

The different forms of subsidy are targeted at climate protection, as well as comfortable and sociable living, by intelligently taking into account future heating costs and heating requirements.



Hygienic perspective

One of the main reasons to insulate buildings is an improvement in hygienic and healthy conditions in a building interior.

In many cases, various fungi, algae and molds occur on the cold surface of non-insulated walls.

The insulated wall differs from a non-insulated wall by higher temperature of the inner surface and no hygienically conformed micro-organisms occur on the insulated wall surface. The insulated house is distinguished by constant, pleasant and hygienically conformed indoor climate.



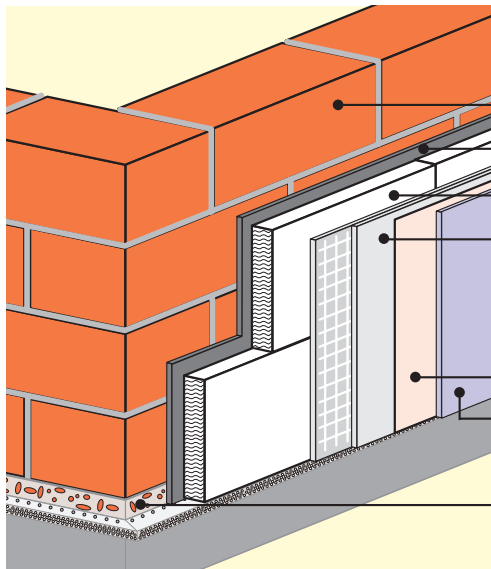
For the sake of the environment

In addition, thermal renovation contributes to achieving the goals of the Kyoto Agreement: In this framework agreement of the United Nations on climate change and greenhouse gases, all industrialized states have committed themselves to reducing greenhouse gas emission by at least 5,2% to below 1990 levels by 2012. CO₂ emissions by the construction industry play an important role here. Some 40% of the required of a total of 1 million tones of CO₂ in all energy-consuming sectors could be achieved through heat insulation as well as thermal renovation.

Description of the system

Insulation system Baumit EPS

The Baumit EPS Heat Insulating Composite System is a modern, perfected external wall insulation system. Facade plates made from hard polystyrol foam act as a heat insulating layer, and are provided with a vapour permeable base plaster (reinforcement layer), consisting of a filler and fibreglass mesh. To this is added a weather-resistant, vapour-permeable top plaster made from a skim based on artificial resin.



The Baumit EPS Heat Insulating Composite System

1. Wall
2. AdhesivFiller
3. **Baumit Facade insulation pane EPS-F**
4. AdhesivFiller and FiberglassMesh
5. Baumit Universal Base
6. Baumit Granopor Plaster
7. Base profile

A summary of the advantages:

- Heat insulation and facade in one
- The heat insulation is on the outside,
- increasing the living space inside
- No heat bridges
- Individual, diverse range of facades
- System with „European technical licence“ (ETAG 004)
- Tuned heat insulation (Thickness as required)
- Economical, durable system

Example applications in Afghanistan:



Description of the system



baumit.com

Insulation system Baunit EPS



Baunit Adhesive Filler

Factory mixed, mineral powdered adhesive for gluing and filling, as well as embedding the Baunit Fibreglass Mesh

approx. 4,0 – 5,0 kg/m² (gluing)
approx. 3,5 – 4,5 kg/m² (filling)

Curing time: at least 7 days



Baunit EPS-F Facade Insulation Panels

EPS-F according to ÖNORM B 6000, ÖNORM EN 13163

Size of panel: 100 x 50 cm

Thickness: 2 to 20 cm

Coverage: 2 panels/m²



Plugs

Additional plugging of the Baunit EPS-F Façade-Insulation Panels is not required for system surface weights of up to 30 kg/m² on new foundations made from wall and honeycomb bricks, cement bonded hollow and solid breeze blocks, lining stones without integrated additional insulation or WS and WSD cement

bonded wood shaving insulation panels. On concrete and plastered base surfaces, at least 4 plugs/m² are required across the surface, and at least 8 plugs/m² around the edges (ref. ÖNORM B 6410.) (For example, plugs can be Baunit Universal Insulation Plug ST 8U or Baunit Punch Plug 8N).



Baunit Fibreglass Mesh

Alkaline-resistant fibreglass mesh. Embedded as reinforcement into Baunit Adhesive Filler.

Coverage: 0,1p, 1r lfm/m²



Baunit Universal Base

Ready-to-use, universal pre-coating used as absorption balance and adhesive for top plasters.

Coverage: approx 0,15kg/m²

Curing time: at least 24 hours



Baunit Granopor Plaster

Ready-to-use, organically bonded skim plaster (top plaster) in paste form with different structures and 200 colours „Baunit colours of more emotion“.

Coverage: 1,5 mm app. 2,5 kg/m²



*) GranoporPlaster Fine is only suitable for small areas (e.g. window surrounds or reveals) (only available in the colour PRINCESS 3009 (white))

**) GranoporFillerPlaster 0.5 is used to achieve the smoothest possible plaster surface. The plaster is applied to ScratchStructure 1.5 after 1 day of curing. When selecting the skim plaster (top plaster) the light reference value must be at least 25.

Advance workings

Knowing all about the advantages of the individual wall structures when planning your home allows you to effectively and efficiently plan the budget for building your house. Even at the planning stage it is worthwhile paying attention to low U-values of the building skin as well as that of the wall structure, in order to generate subsidies. These are awarded in differing amounts depending on which province you are in.

Before the plugs are inserted and after the adhesive has hardened (after 1 day) the panel joints are sanded down until they are level smooth. T-plugging: Example with 4 plugs/m² of surface.

The adhesive is applied using the edge-dab method. The application should be done in such a way (approx. 1-2 cm thick adhesive layer), that the contact surface with the wall is at least 40%. A 5 cm wide strip of adhesive is applied around the edge of the panel, and three dabs, about the size of a side plate, are placed in the middle.

The next step after perfect stiffening of adhesives (1-2 days) is abrading of polystyrene plates to remove small roughness and protrusions.

Realization of insulation works in Afghanistan.

Advance workings

Application of Baumit Adhesive-Filler using a rust-free toothed spatula (10mm). The Baumit FibreglassMesh is embedded „wet on wet“. At least 10 cm overlap of each drop. Curing time before application of primer: at least 7 days.

Realization of insulation works in Afghanistan

Baumit Universal Primer is applied evenly across the surface with a roller. Curing time: at least 24 hours.

Baumit Granopor Plaster is applied using a rust-free steel trowel and rubbed in using a plastic float.

New collection of Colours

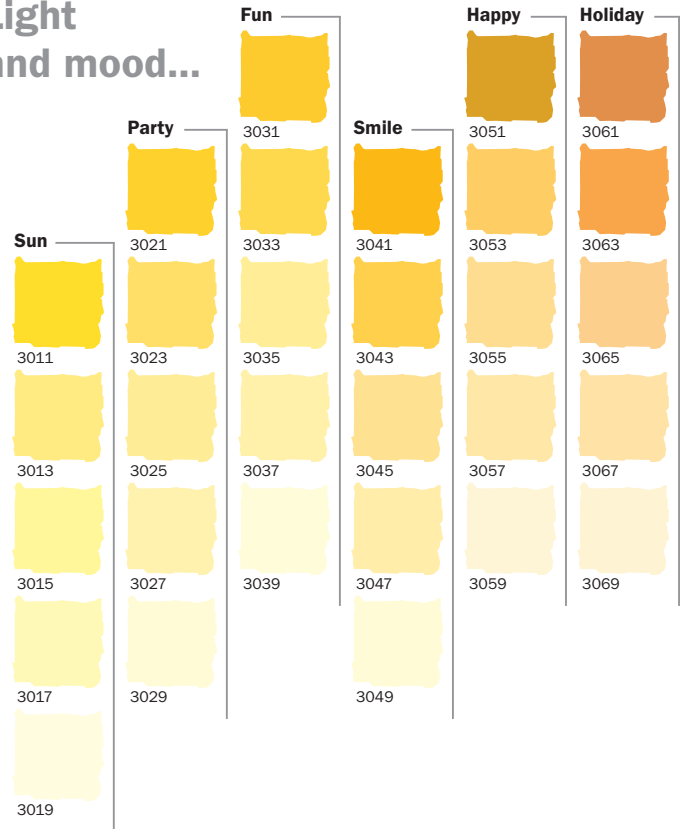
Baumit Colours of more emotion...

Colours of more emotion

Your house – your style: The Baumit colour range includes 200 of the world’s most beautiful colours 38 tones, each with 3 levels of brightness and 10 base colours for your imagination run free. Let your personality express itself, put a symbol of the joy of life on to the façade of your house. Baumit helps you with your selection: If desired, your favorite colours or schemes can be brought to life in photograph’s so that you have an idea of the possible outcome in advance.



Light and mood...



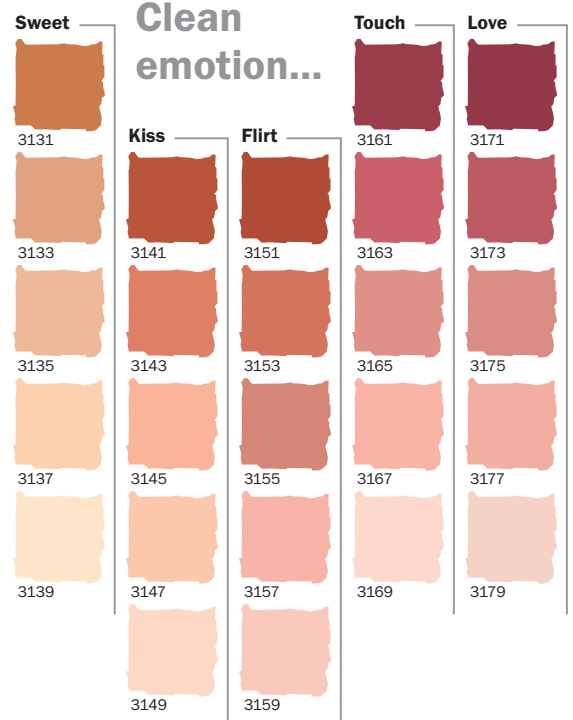
Take your time!

The first choice is usually the best one. However, the decision is sometimes influenced by fashion trends which change quickly. Opposite to this, the facade color should be sensed as pleasant and suitable for a long time – by all occupants of house.

Think quietly!



Clean emotion...



New collection of Colours

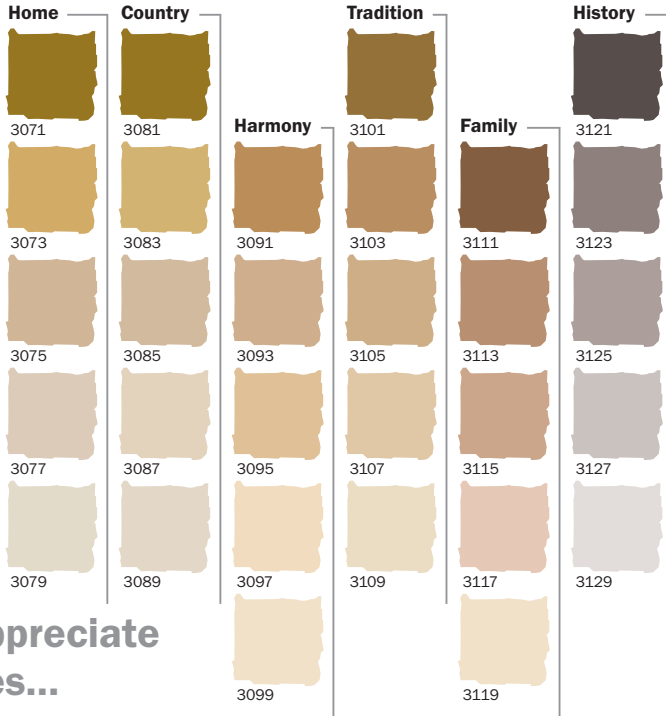


baumit.com

Baumit Colours of more emotion...

In harmony – together

Before you decide, you should look at your house surroundings more carefully. Not always the strong exelling is suitable and not always the contrast is pleasant. The criteria for color selection should be in regional peculiarity, natural environment and immediate vicinity.



To appreciate values...

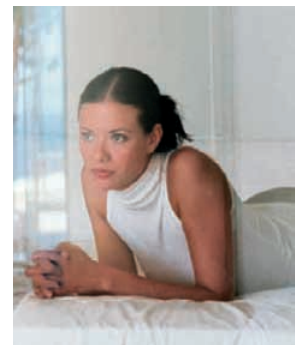
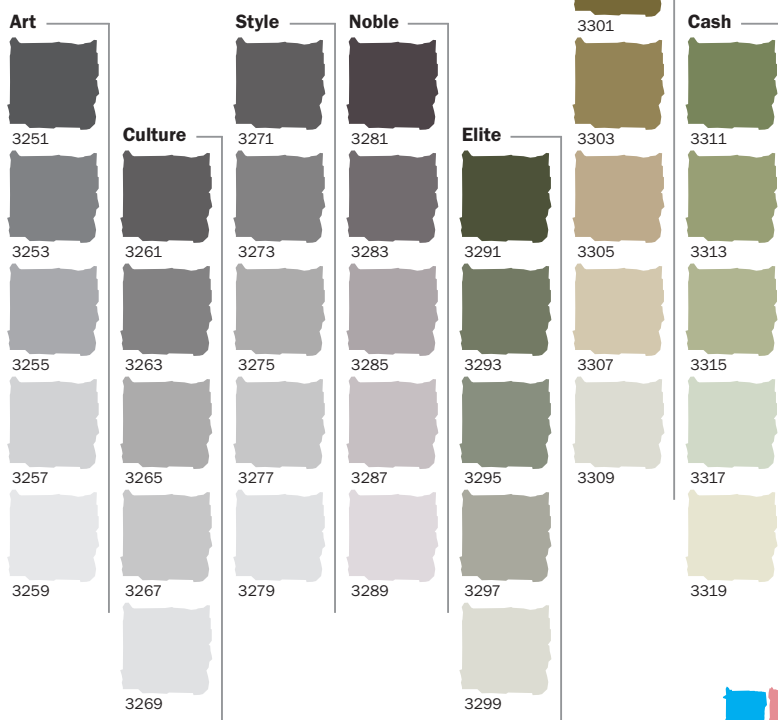


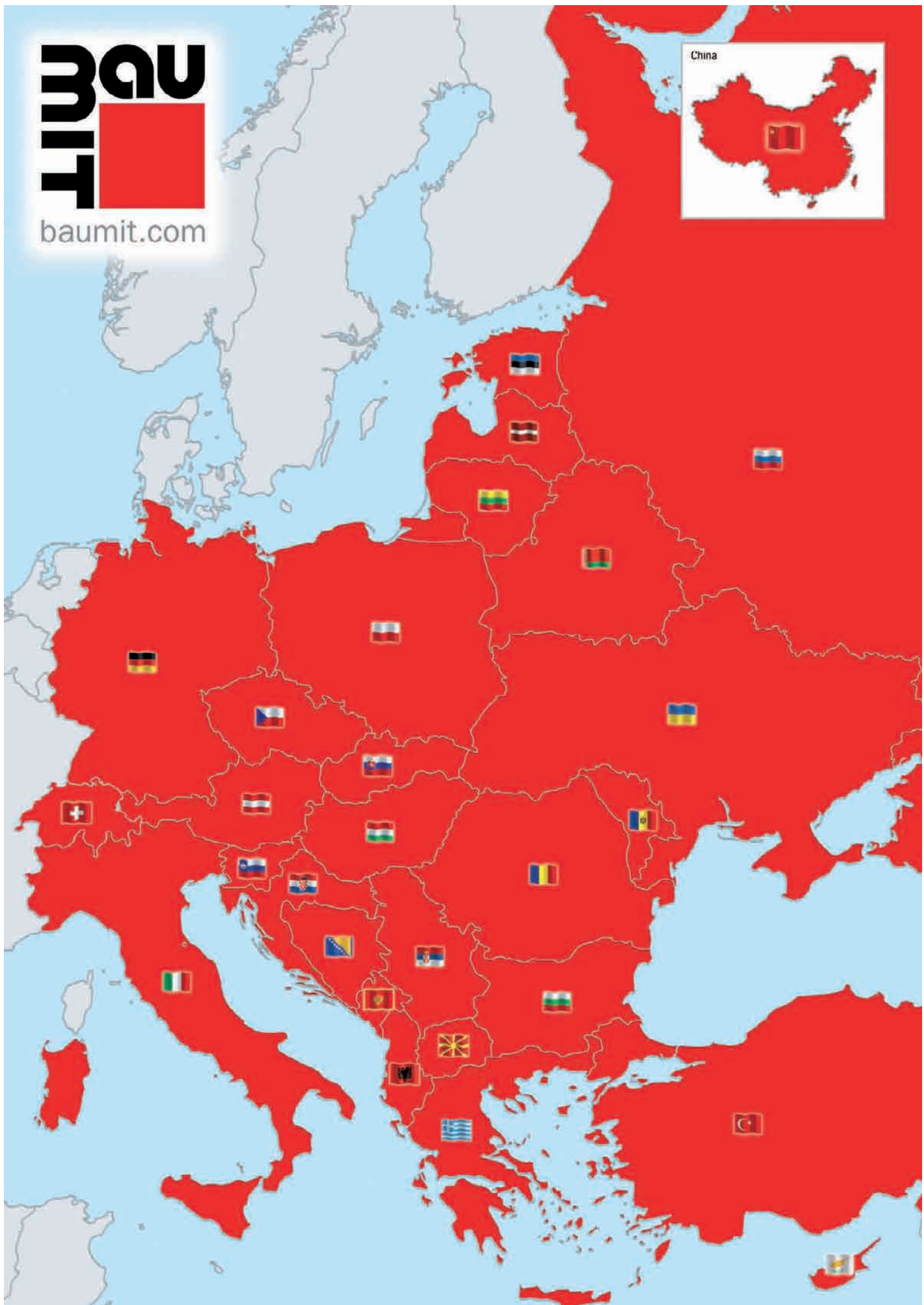
Set the pace

Use the change comfortably: proficient „colour-pressed surfaces“ stress structures, show architectural particularities up for what they are and contribute to an optical dividing. However, avoid too much diversity: strong facade unease is impressive on the first sight but it can quickly change to unlikable..

To show character...

Functionally from basis...





A - Österreich

Wopfinger Baustoffindustrie GmbH.

A - 2754 Waldegg
Wopfing 156
Tel.: +43 (0)2633/400-0
Fax: +43 (0)2633/400-266
www.baumit.at

Baumit Baustoffe GmbH

A - 4820 Bad Ischl
Rettenbach 143
Tel.: +43 (0)6132/27 301
Fax: +43 (0)6132/27 301-26
www.baumit.at

BG - България

Baumit Bulgaria EOOD

BG - 2100 Elin Pelin
Bulgaria Str. 38
Tel.: +359 (0)2/9266 911
Fax: +359 (0)2/9266 918
E-mail: office@baumit.bg
www.baumit.bg

BIH - Bosna i Hercegovina

Baumit d.o.o.

Osik 2 b
BIH - 71000 Sarajevo
Tel.: +387/33/566 770
Fax: +387/33/566 771
E-mail: info@baumit.ba
www.baumit.ba

AFG - Afghanistan

Temoryan - H, L.t.d Company

Banke khon Stret
Opposite of ICRC
Herat Afghanistan
Tel.: +93 (0)40231375
Mobil: 0093 799447077
E-mail: temoryan@yahoo.com
www.baumit.com/af/
www.temoryan.com

CZ - Česká Republika

Baumit, spol. s r.o.

CZ - 250 01 Brandýs nad Labem
Průmyslová 1841
Tel.: +420 326 900 400
Fax: +420 326 900 402
E-mail: baumit@baumit.cz
www.baumit.cz

D - Deutschland

Baumit - Bayosan

D - 87541 Bad Hindelang
Reckenberg 12
Tel.: +49 (0)8324/921-0
Fax: +49 (0)8324/921-470
E-mail: info@baumitbayosan.de
www.baumitbayosan.de

H - Magyarország

Baumit Kft.

H - 2510 Dorog
Baumit u. 1.
2511 Dorog Pf.: 132.
Tel.: +36 (06) 33 512 910
Fax: +36 (06) 33 431 512
E-mail: baumit@baumit.hu
www.baumit.hu

H - 3571 Alsószolca
Ipari park, Gyár út 12
H - 3571 Alsószolca, Pf.: 4.
Tel.: +36-46/520-010
Fax: +36-46/520-058
E-mail: baualszsolca@baumit.hu

I - Italia

Baumit Italia SPA

I - 33078 San Vito al Tagliamento (PN)
Zona Industriale Ponte Rosso
Tel.: +39 (0)434 85 333
Fax: +39 (0)434 85 359
E-mail: info@italia.baumit.com
www.baumit.it

HR - Hrvatska

Baumit Građevinski materijali d.o.o.

HR - 10090 Zagreb
Vučak 34
Tel.: +385 (0)1 3466 800
Fax: +385 (0)1 3466 839
E-mail: ljerka.srzic@baumit.hr
www.baumit.hr

Baumit Građevinski materijali d.o.o.

HR - 21200 Solin
Vranjički put bb
Tel.: +385 (0) 21 262 073
Fax: +385 (0) 21 262 074
E-mail: zana.bezmalinovic1@baumit.hr

PL - Polska

Baumit sp. z o.o.

ul. Sukiennice 6
PL 50-107 Wrocław
Tel.: +48 (0)71/358 25 00
Fax: +48 (0)71/358 25 06
E-mail: sekretariat@baumit.pl
www.baumit.pl

RUS - Russia

ООО «Баумит»
196191, г. Санкт-Петербург
Новоизмайловский пр., д. 46,
корпус 2, лит. А
Тел.: +7 (0) 812/ 374 21 39
факс: +7 (0) 812/ 374 21 40
baumit@baumit.ru
www.baumit.ru

RO - Romania

SC Baumit Romania Com s.r.l.

RO - 061129 Bukarest
B-dul Lului Maniu Nr. 600, sector 6
Tel.: +40 (0)21/350.01.03/06
Infoline: 0720.baumit
Fax: +40 (0)21/318 24 08
E-mail: office@baumit.ro
www.baumit.ro

SRB - Srbija

Baumit d.o.o.

SRB - 11130 Beograd
Smederevski put 25k
Tel.: +381 (0)11 347 50 82
E-mail: office@baumit.rs
www.baumit.rs

SK - Slovenská Republika

Baumit, spol. s r. o.

SK - 811 03 Bratislava
Zrinskeho 13
Tel.: +421 (0)2 593 03 311
Fax: +421 (0)2 544 11 824
E-mail: tomaschova@baumit.sk
www.baumit.sk

SLO - Slovenija

Baumit Gradbeni materiali d.o.o.

SLO - 1000 Ljubljana
Zagrebska ulica 1
Tel. +386 (0) 1 236 37 55
Fax +386 (0) 1 236 37 40
E-mail: baumit@baumit.si
www.baumit.si

UA - Украина

TOV Austrotherm

ul.Tchervonopraporna 34
03083 Kiev
Tel./Fax: +380 44 568 52 54
E-mail: office@baumit.com.ua
www.baumit.com.ua

TR - Türkiye

Baumit İnşaat Mal. Tic. Ltd. Şti.

Acarlar İş Merkezi D - Blok No: 1
34810 Kavacık / Istanbul
Tel.: 0216 680 34 00
Fax: 0216 680 34 01
E-mail: info@baumit.com.tr
www.baumit.com.tr

BY - Belarus

ООО "Баумит-Бел"

Индекс: 223053, Республика Беларусь г. Минск
Минский район перечесение Логойского тракта и МКАД
Административное здание, Офис 204, 211
Телефон: +375 (0) 17/ 237 93 75
Fax: +375 (0) 17/ 237 93 74
E-mail: info@baumit-bel.by
baumit-bel.by

LV - Latvia

Baumit - Baltikum SIA
Kalnciema 88a
LV - 1046 Riga
Latvija
Telefons: +371 (0) 67/ 45 13 15
Fakss: +371 (0) 67/ 45 13 17
E-pasts: office@baumit.lv
www.baumit.lv

CH - China

Baumit Building Material (Shanghai) Co., Ltd

Room 302, Building C, Tongji Union Plaza,
Siping Road 1388, Yang Pu District,
Shanghai, P.R. China. 200092
堡密特建筑材料 (上海) 有限公司
上海杨浦区四平路1388号同济联合广场C栋302室
邮编: 20009
Tel: ++86(0)21 51028802
Fax: ++86(0)21 51029903

CH - Schweiz

Baumit Schweiz AG

CH - 8307 Effretikon
Rikonstrasse 2
Tel.: +41 52 354 50 70
Fax: +41 52 354 50 71
E-mail: office.ch@schweiz.baumit.com

LT - Lithuania

UAB „Baumit Lit“

LT - 02300 Vilnius
Lentvario g. 1
Tel.: + 370 5 26 40 778
Fax: + 370 5 26 40 732

MNE - Crna Gora

Baumit Crna Gora d.o.o.

Bulevar Revolucije 2
MNE - 81000 Podgorica
Tel.: +382 (0)81 407 854
Fax: +382 (0)81 407 892

GR - Ελλάδα - Ellás

BAUMIT ΕΛΛΑΣ Α.Ε.

Λ. Πεντέλης 49
152 35 Βρυλλήσσια - Αθήνα
Τηλ.: +30 (0) 210/ 60 95 600
Φαξ: +30 (0) 210/ 60 95 611
info@baumit.gr
www.baumit.gr

AL - Republika e Shqipërisë

Baumit Albania SHPK

Lagja e vjeter
Prane Casa Italia
1001 - 1028 Tirane Shqiperi
Fax: +382 (0)81 407 892
Tel.: +355 (0)68 407 10 99

MK - Република Македонија

Baumit Makedonija doool

Ul. 11 Oktomvri br. 42/5
MK - 1000 Skopje/MAKEDONIJA
Tel.: +389 /(0)2/ 3116 747
Faks: +389 /(0)2/ 3135 235
Email: info@mk.baumit.com
www.baumit.com.mk

ES - España

Baumit S.L.

ES - 28230
Las Rozas - Madrid
Edificio de Negocios Ciudad de Sevilla
C/ Dublin, 1, 1A
Tel.: +34 (0) 916 407 227
Fax: +34 (0) 916 360 092
Email: info@baumit.es



Baumit Service

- Renovation recommendations for the best possible renovation of plaster and facades
- Original paint samples in the bucket, on a sample plate or on your facade
- Seminars on theory and practice for professional, and much more

Contacts

Office Address in Kabul:

Chawak Dibori, North
Of crossway, Street 2
House 1416/55
Kabul, Afghanistan
Tel: 0093 788 543 350
0093 799 447 077
0093 786 449 477
E-mail: temoryan@yahoo.com
www.Baumit.com/af/
www.temoryan.com

Office Address in Herat:

Bank Khon Street
Opposite of ICRC
Herat, Afghanistan
Tel: 0093 402 313 75
0093 799 252 721
0093 700 447 077
E-mail: temoryan@yahoo.com
www.Baumit.com/af/
www.temoryan.com

Office Address in Slovakia:

Jurkovicova 474/5
059 38 Strba, Slovakia
Tel.: 00421 52 7781 404
00421 905 238 509
Fax: 00421 52 7781 404
E-mail: temoryan@yahoo.com
E-mail: privat@arison.sk
www.baumit.com/af/
www.temoryan.com