



**Decostone**

The Art of Making Stone



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**EN**

Decostone, The Art of Making Stone®

Our cities and buildings should be designed in a way that causes the minimum impact to the environment. This is the reason why we need to adapt to new building materials that are cost effective and compatible with high ecological standards.

Consumers tend to select eco-friendlier products and corporations have realised that their operations influence the environment and that they need to be responsible for its protection.

The necessity for greener products is gaining global recognition and this is how we have developed the brand new series of Decostone®.

This handmade stone veneer meets both objectives; Exceptional aesthetic result as an architectural option plus the smallest possible environmental effect during the whole life cycle of the product.

It is a pleasure for us to introduce you the new series of Decostone®. The "First in Mind – First in Choice" lightweight thin profile stone veneer.

**GR**

Decostone, The Art of Making Stone®

Σήμερα περισσότερο από οποιαδήποτε άλλη στιγμή της ανθρώπινης ιστορίας περιβαλλοντικοί και οικονομικοί λόγοι μας οδηγούν σε δραστική αλλαγή του τρόπου που χτίζουμε τις πόλεις μας και των κτιρίων στα οποία ζούμε ή εργαζόμαστε. Η προσωπική μας άποψη σε θέματα που αφορούν το περιβάλλον επηρεάζει άμεσα και τις επιλογές μας ως καταναλωτές κάνοντάς μας πολύ προσεκτικούς στα προϊόντα που τελικά επιλέγουμε τα οποία πρέπει να είναι τα φιλικότερα προς το περιβάλλον και τους φυσικούς πόρους.

Οι επιχειρήσεις που δραστηριοποιούνται τουλάχιστον στις αναπτυγμένες χώρες έχουν αρχίσει και αντιλαμβάνονται ότι τις περισσότερες φορές κάθε δραστηριότητά τους επηρεάζει το περιβάλλον και συνειδητά πλέον λαμβάνουν όλα τα απαραίτητα μέτρα προς τη προστασία του.

Αναγνωρίζοντας συνεπώς την παγκόσμια ανάγκη για οικολογικότερα προϊόντα και μεθόδους παραγωγής τους, δημιουργήσαμε τη νέα σειρά χειροποίητης διακοσμητικής πέτρας Decostone® η οποία αντικειμενικά ικανοποιεί και τους δύο στόχους: Εξαιρετικό αισθητικό αποτέλεσμα ως αρχιτεκτονική επιλογή και τη μικρότερη δυνατή περιβαλλοντική επίπτωση κατά τη διάρκεια ολόκληρου του κύκλου ζωής του προϊόντος.

Είμαστε στην ευχάριστη θέση να σας καλωσορίσουμε στη Decostone®. Η πρώτη επιλογή ελαφροβαρούς, λεπτού προφίλ χειροποίητης διακοσμητικής πέτρας για εσωτερικές και εξωτερικές εφαρμογές.

# intro

**FR**

Decostone, The Art of Making Stone®

Aujourd’hui, des raisons écologiques et économiques nous conduisent à un changement drastique à la façon de construire nos villes et les bâtiments où nous vivons ou travaillons. Nos points de vue personnels concernant l’environnement influencent directement nos choix en tant que consommateurs et ainsi nous devons être très attentifs aux produits que nous choisissons, qui doivent être plus respectueux de l’environnement et des ressources naturelles.

Les entreprises, du moins celles opérant dans les pays développés, commencent à prendre conscience de l’impact de leurs activités sur la nature et donc prennent toutes les mesures nécessaires pour sa préservation. Reconnaissant alors, un besoin global pour des produits et des modes de production plus écologiques, nous avons créé la nouvelle gamme de pierre reconstituée Decostone® qui satisfait ces deux objectifs : un superbe résultat esthétique comme choix d’architecte et un impact sur l’environnement minime durant tout le cycle de vie du produit.

Bienvenu dans la famille Decostone : Votre choix de prédilection en termes de poids (léger), d’épaisseur fine pour un parement de pierre reconstituée adapté aux murs intérieurs et extérieurs.

**DE**

Decostone, The Art of Making Stone®

Heute, mehr als je zuvor in der Menschheitsgeschichte, zwingen uns ökologische und finanzielle Gründe, die Art und Weise, wie wir Gebäude und Städte bauen, in denen wir leben und arbeiten, drastisch zu überdenken. Unserer persönlichen Ansicht nach der Umwelt betrifft, beeinflussen direkt unsere Entscheidungen als Verbraucher, welche Produkte umweltfreundlich sind und die Ressourcen schonen.

Zumindest die Unternehmen, die in den Industrieländern tätig sind, haben erkannt, dass Ihre Aktivitäten in den meisten Fällen die Umwelt beeinflussen und haben sich zum Ziel gesetzt, alle notwendigen Maßnahmen für den Umweltschutz zu treffen.

Unter diesen Aspekten für ökologische Produkte und einer ökologischen Produktionsweise, haben wir die neue Serie handgefertigter Verblendsteine Decostone für dekorative Verkleidungen entwickelt, die diese Kriterien erfüllt. Durch den Decostone bietet sich eine außergewöhnlich ästhetische und architektonische Lösung mit der geringsten negativen Auswirkung auf die Umwelt, während des gesamten Produktlebenszyklus. Es ist uns eine Freude, Ihnen die neue Serie Decostone vorzustellen, den „first in mind – first in choice“ dünnen Leichtgewichtsverblendstein.

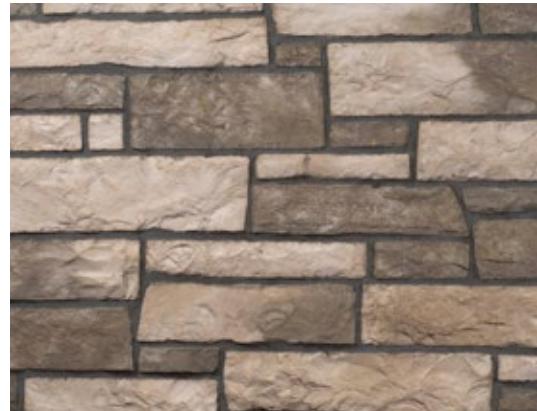
# Aragone



gray



beige



olive



bronze

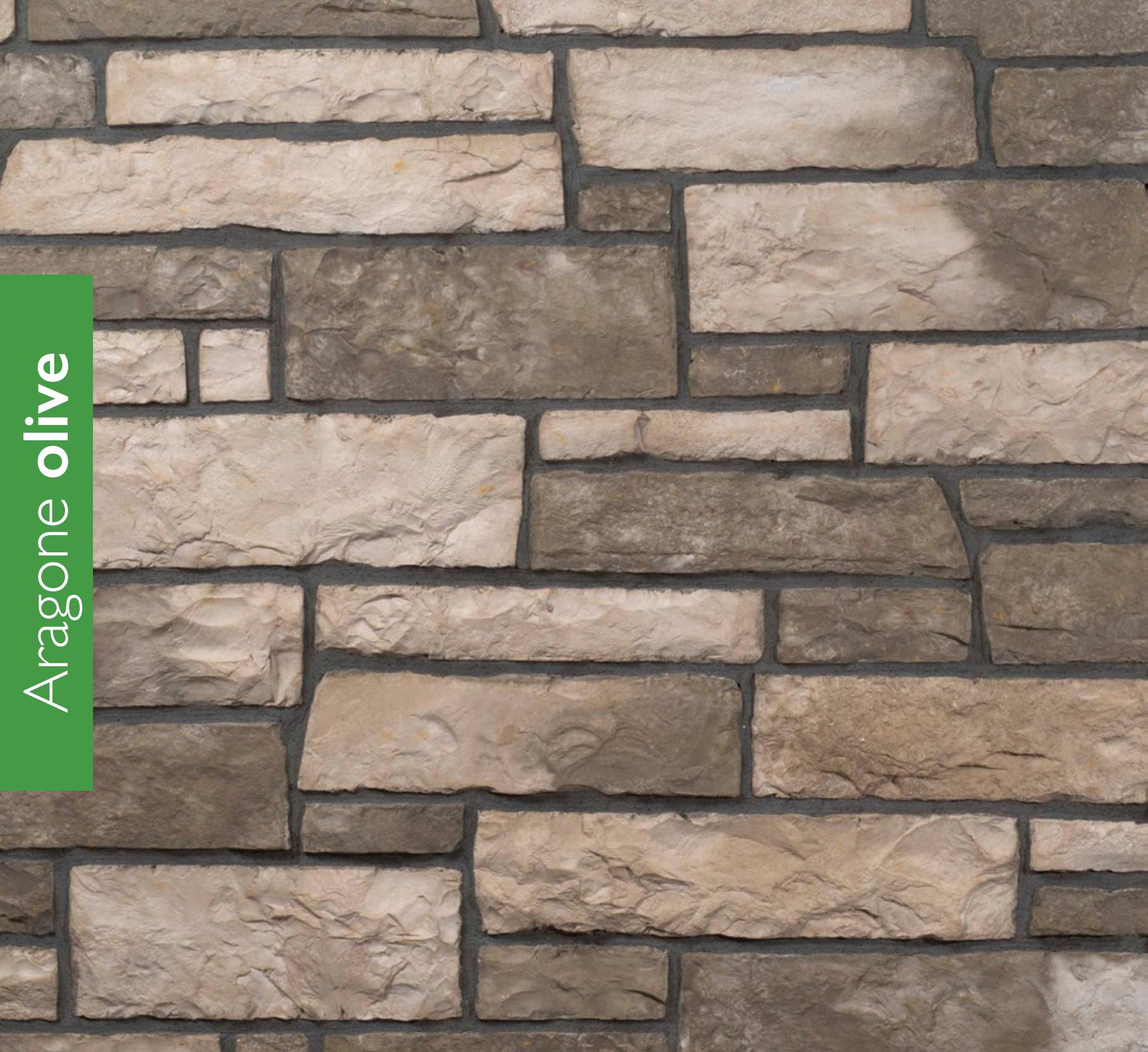


red

Aragone amber



Aragone olive





Aragone beige

Aragone bronze





Aragone gray

Aragone red





# Amorique



gold



olive



beige



bronze



gray



red



Armorique gold

**Ammonique olive**





Armorique beige

**Armorique bronze**

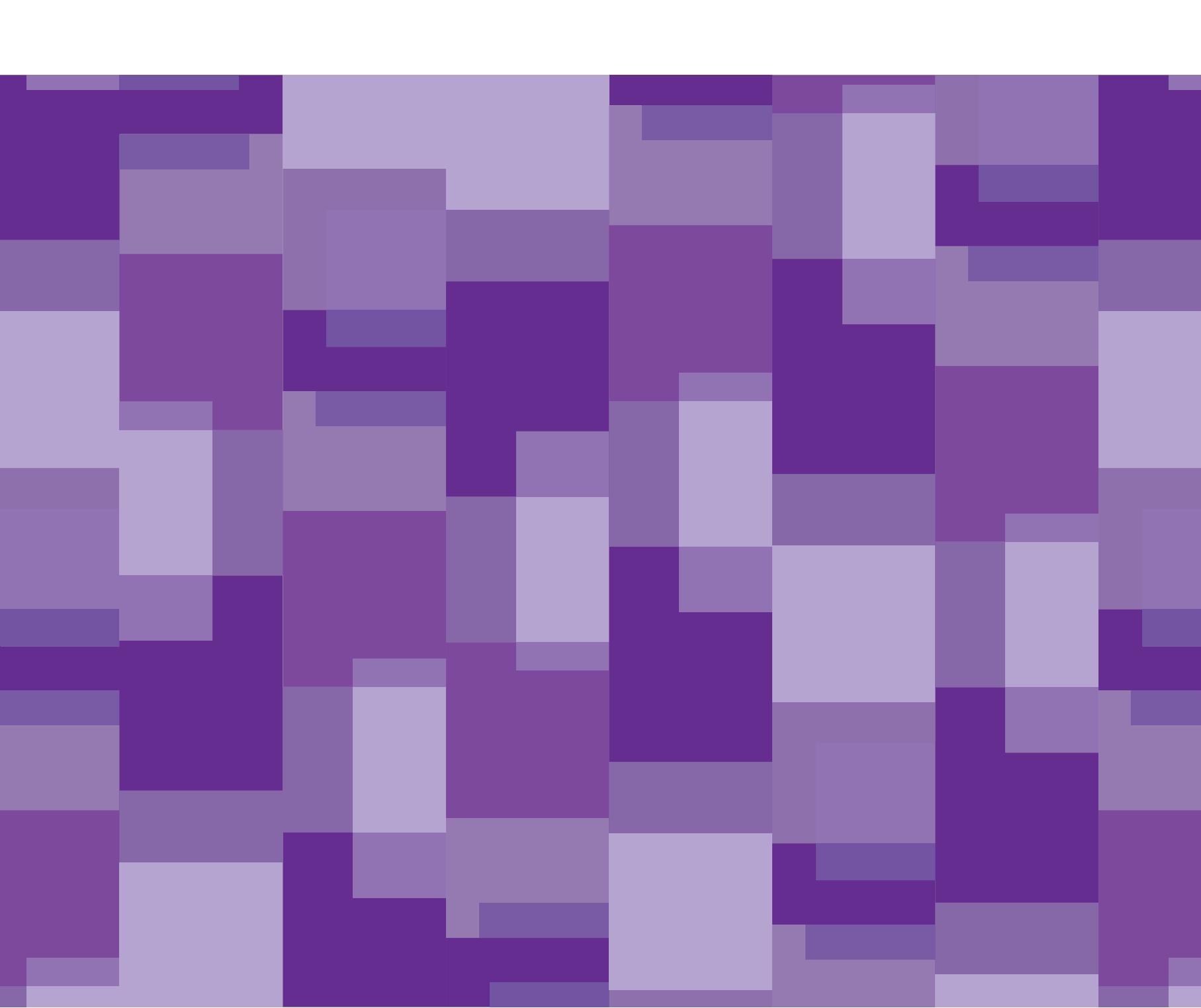




Armoriqe gray

Amorique red





# Savoie



gray



beige



amber



olive



bronze

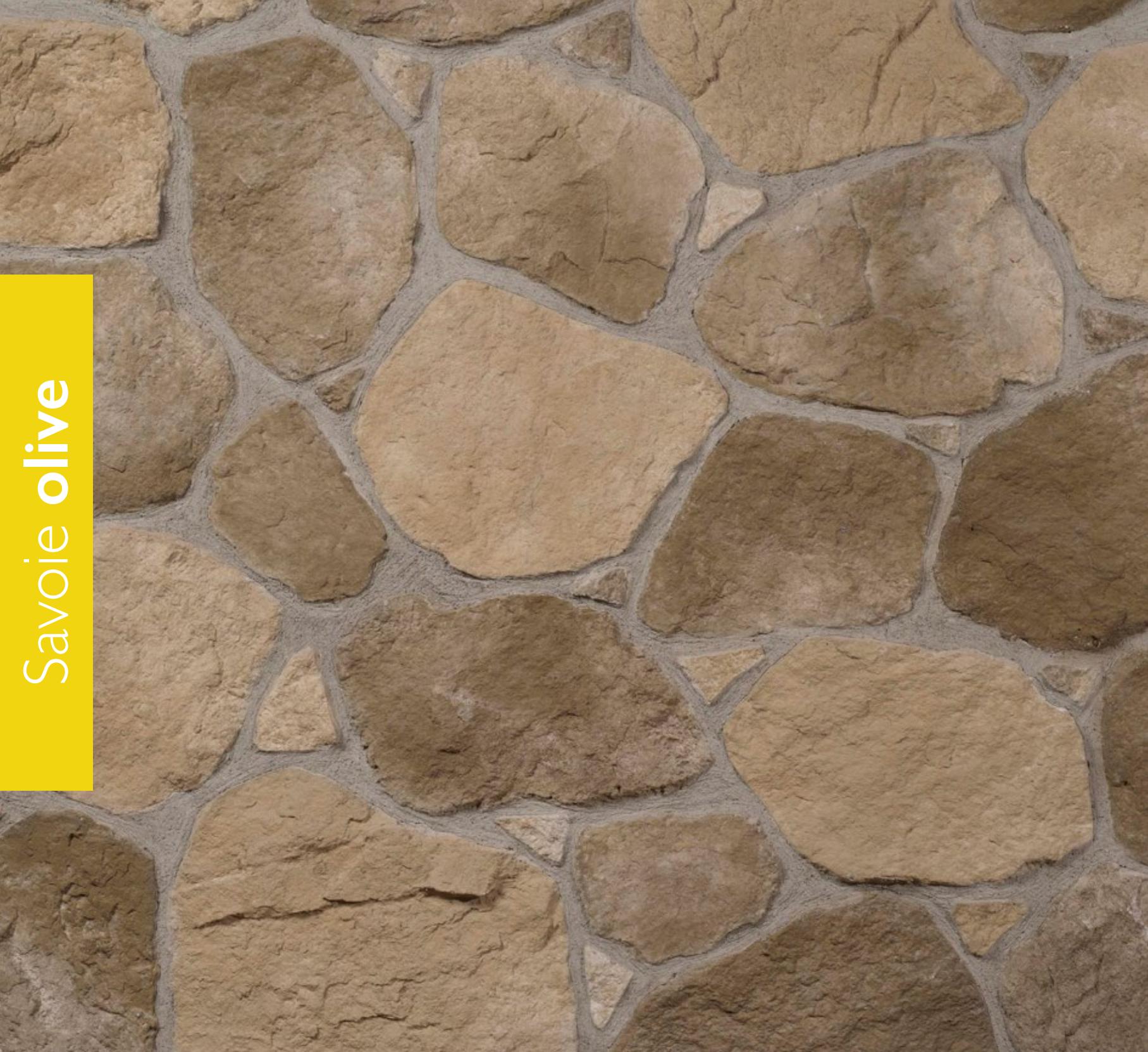


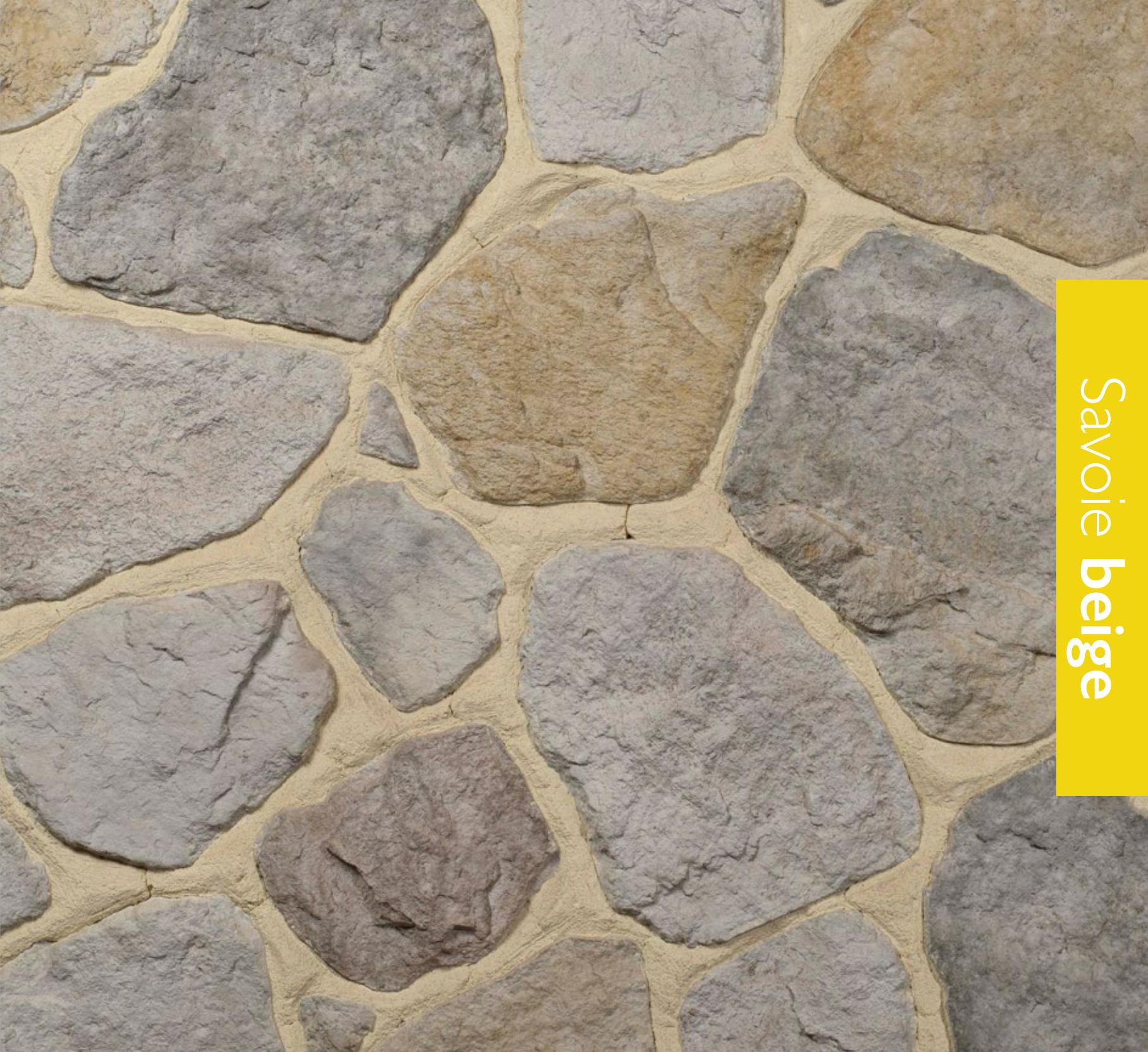
red



Savoie amber

Savoie olive





Savoie beige

**Savoie bronze**



Savoie gray

Savoie red





# Ardennes



cream



beige



gray

Ardennes cream



**Ardenne beige**



Ardennes gray

# Andes



olive



bronze



beige



gray

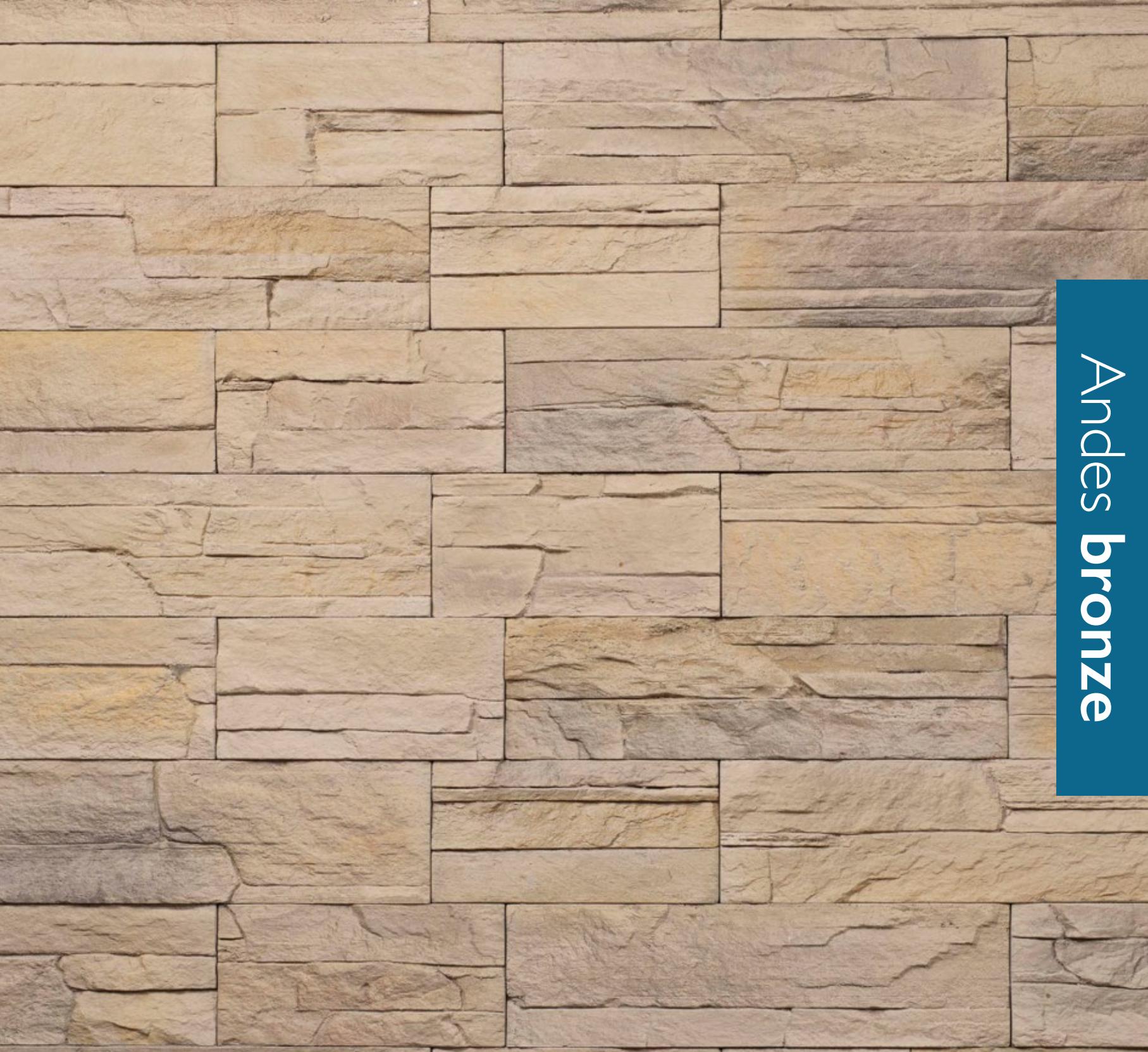


red

Andes olive

**Andes beige**





Andes bronze

Andes gray





Andes red

# Vermont



gold



beige



bronze

A close-up photograph of a wall constructed from Vermont Gold stone tiles. The tiles are rectangular and have a natural, irregular shape with visible horizontal grain and some vertical streaks. They are laid in a staggered pattern across several rows. The color palette is dominated by earthy tones, including shades of brown, tan, and light beige, with occasional darker, reddish-brown spots. The lighting highlights the texture and depth of the stone.

Vermont gold

Vermont beige





Vermont bronze

vivid



olive



beige



bronze



gray



red



Vivid olive

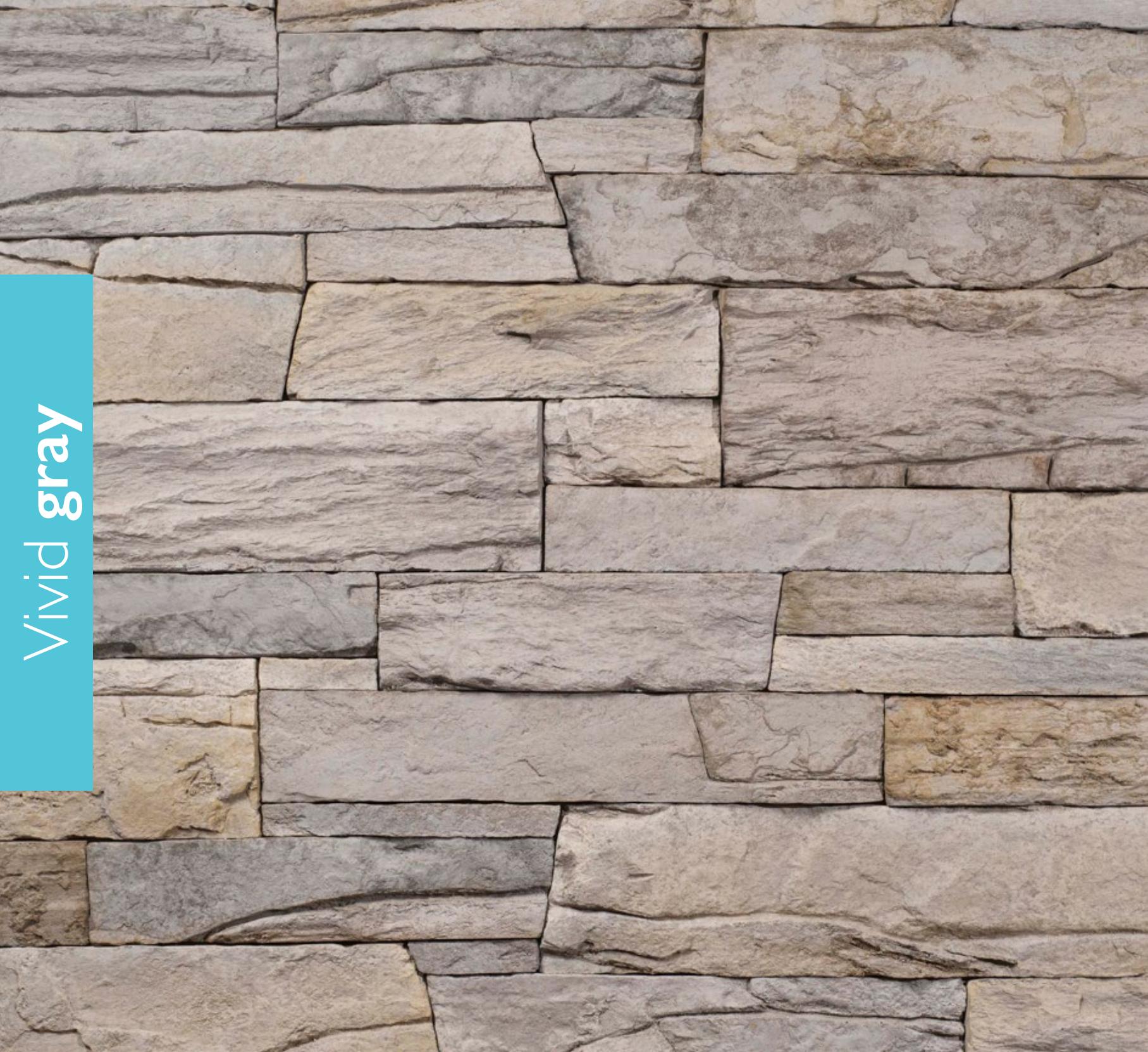
Vivid beige





Vivid bronze

Vivid gray





Vivid  
red

# Nevada



olive



beige



bronze



gray

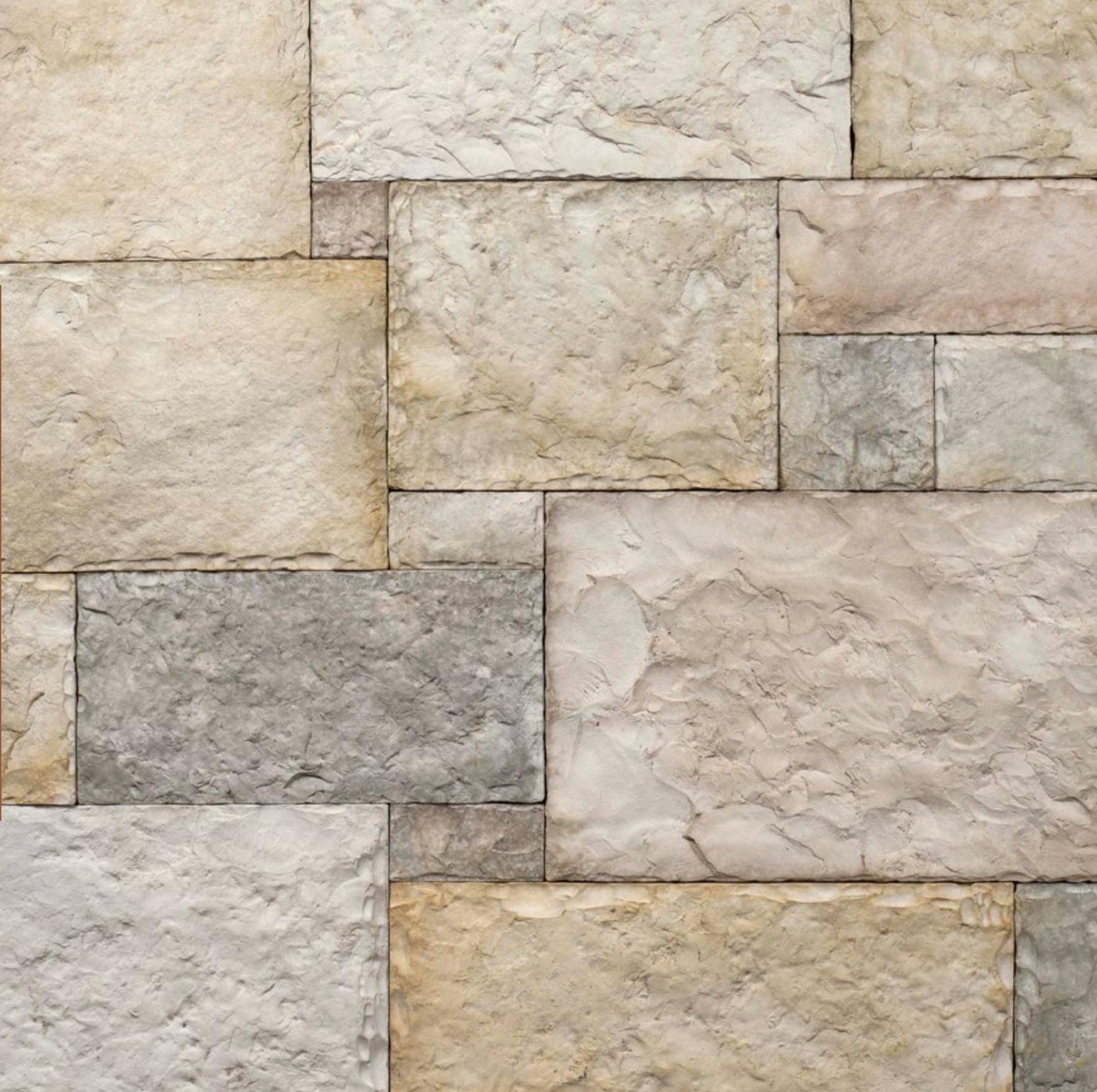


red



Nevada olive

Nevada beige



Nevada bronze

Nevada gray



Nevada red

# Chateau

54



olive



beige



bronze



gray



red



Chateau olive

Chateau beige



**Chateau bronze**

Chateau gray



Chateau red



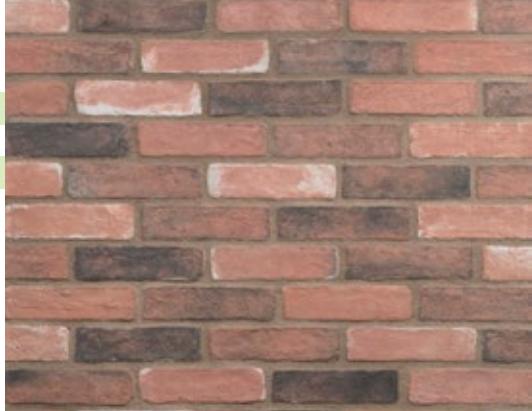
# Deco Bricks



brown



Foggy



Aged

Deco Bricks brown

Deco Bricks foggy





Deco Bricks aged



Aragone Corner



Andes Corner



Savoie Corner

Universal  
corner thinUniversal  
corner thick

Aragone



Ardennes &amp; Andes



Savoie



Colonial



Decobrick

# Corners

Flat Texture	Texture Corner	Universal Thick Corner	Universal Thin Corner	Colonial Corner
Aragone	●	●	●	●
Armorique		●	●	●
Savoie	●	●	●	●
Ardennes	●	●	●	●
Vermont		●	●	●
Vivid	● *	●	●	●
Nevada		●	●	●
Chateau		●	●	●
Andes	●	●	●	●
Decobricks	●			

Corners are available in all colors.

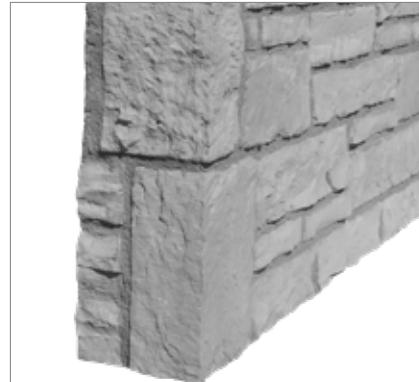
\* Vivid texture uses Ardennes and Andes corner



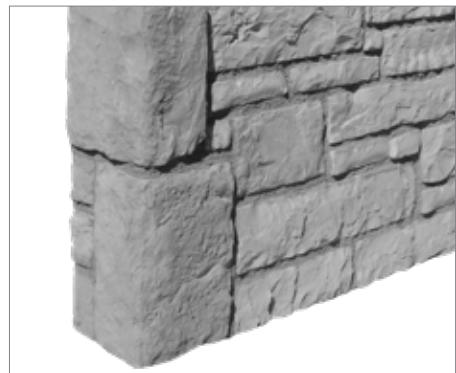
Universal Thin Corner



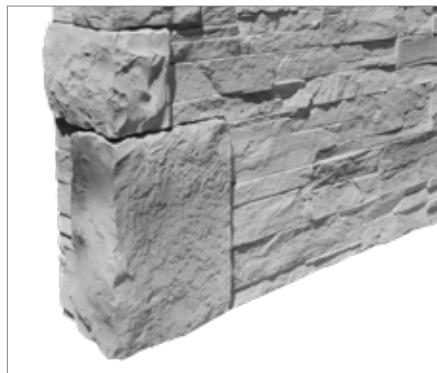
Universal Thin Corner



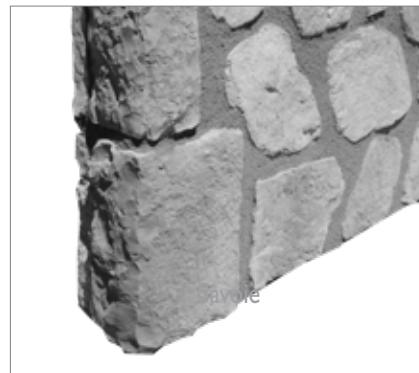
Universal Thin Corner



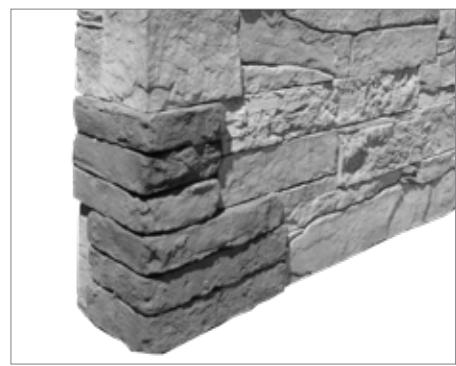
Universal Thick Corner



Universal Thick Corner



Universal Thick Corner

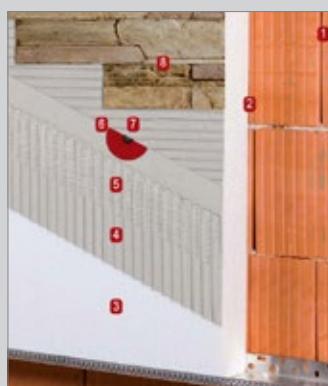
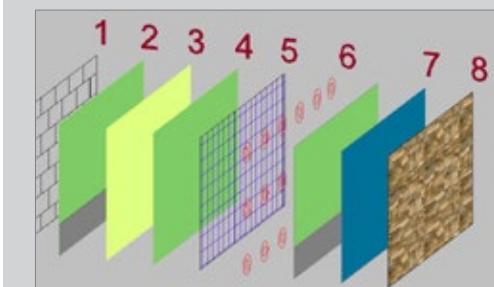


Colonial Corner

# Save Energy with Decostone



**Decostone** is also designed for use on thermal insulation systems. We provide turn key solutions for Aesthetic superiority and Thermal efficiency.



- 1 Wall (substrate)
- 2 Adhesive for bonding the thermal insulation panels
- 3 EPS thermal insulation panels
- 4 First base coating leveling layer of adhesive
- 5 Alkali resistant plastic mesh 4-5mm, weight > 145g/m<sup>2</sup>, tensile strength >2000 N/50mm
- 6 Anchors and application of the second base coating leveling layer of adhesive
- 7 Stone adhesive according to C2TE S2 category EN I2004 and EN I2002
- 8 Decostone handmade stone veneer

#### Important notice!

We strongly recommend the use of a universally compatible primer coat as moisture control and bonding agent on the wall before the installation of the insulating panels as well as on the second base coating leveling of the adhesive before the stone installation.

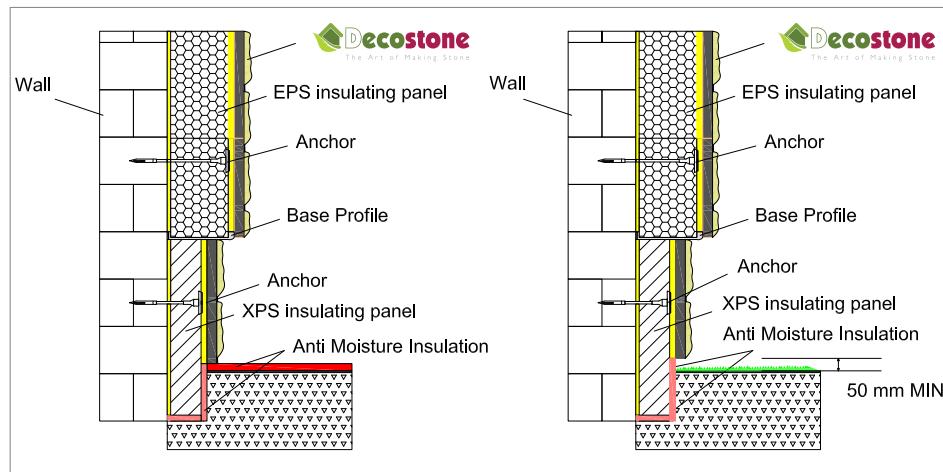
# Application stages



1 Ensure a clean substrate free of dust, moisture and wake areas, apply a primer.



2 Install the leveled base profile.



3 Apply the thermal insulation panels, (at least 24 hours idle time till the next step).



4 Seal all joints that exist between panels with low expansion polyurethane foam.



5 Grind installed panels to have smooth surface.



6 Apply the 1st base coating layer, the alkali resistant mesh, the anchors and the second layer of base coating.



7 Apply a primer.



8 Install Handmade stone veneer DECO STONE.



9 Clean the substrate from dust dirt and ensure that there are no weak areas. Apply the primer.



10 Prepare the adhesive taking into consideration the amount of water. Mathios Refractories recommends the use of Extra Stone Glue a special adhesive developed for that purpose.



II Apply the adhesive on the installation surface and on the back surface of the stone.



12 If installation includes corners, begin from the corner of the wall and continue the formation of the line using flat pieces. Use a rubber mallet to knock each stone piece.



13 Installation of stones without joint.



14 Installation of stones with joint: To stabilize the stones at the proper distance, small spacers should be used.



15 For grouting use a pastry bag or the special grouting gun. Apply the right quantity of mortar until the joint is filled.



16 Lay the mortar with a spatula or special tool.



17 After approximately one hour brush off the mortar that lays on the stone surface with a hard plastic or soft wired brush.

# Extra Stone Glue



## EN

Acrylic, heavy duty elastic adhesive for natural and artificial stones as well as decorative brick applications. It is categorized as C2TE S1 type according to EN12002 and it is supplied in 25 Kg paper bags. It can be applied on internal and external surfaces, providing high adhesive strength and resistance to humidity.



## GR

Ακρυλική ελαστική ενισχυμένη κόλλα για εφαρμογές τεχνητών και φυσικών πετρών. Κατηγοριοποιείται ως C2TE S1 σύμφωνα με το Ευρωπαϊκό Πρότυπο EN12002 και συσκευάζεται σε χαρτόσακους των 25 Kg. Εφαρμόζεται σε εσωτερικούς και εξωτερικούς χώρους προσφέροντας υψηλή συγκολλητική δύναμη, ισχυρή πρόσφυση, καθώς επίσης ελαστικότητα, αντοχή στην υγρασία και γενικότερα στις καιρικές συνθήκες.

## FR

Colle acrylique et élastique renforcée à pierre naturelle et reconstituée, de classement C2TE S1 selon la norme européenne EN12002, au sac de 25 kg.  
A utiliser aux murs intérieurs et extérieurs, offrant une forte adhésion et résistance à l'humidité et aux intempéries.

## DE

Acryl Binder, ein starke elastischer Klebstoff für Natur- und Kunststeine sowie dekorative Stein-Anwendungen.  
Es ist, als C2TE S1 Typ gemäß EN12002 kategorisiert und es wird in 25 kg Papiersäcken geliefert.  
Es kann auf inneren und äußereren Oberflächen aufgebracht werden, gewährleistet eine hohe Haftfestigkeit und Feuchtigkeitsbeständigkeit.

# Promotional Material / Pallet



Sample board

Sample box

Sample boards stand



Pallet

# Warranty



## 30 YEAR LIMITED *warranty*



Mathios Refractories S.A. warrants that for a period of 30 years from the date of the original purchase, its products will be free from defects in material and workmanship, provided that they are used on structures conforming to the regulations being locally in force and that they are assembled into structures in conformity with the Mathios Refractories instructions. Mathios Refractories will free of charge, repair or, as the case may be, supply of new products to replace the defective. This warranty is limited to the said repair or supply of new products to replace the defective ones and does not cover any costs, whatsoever, incurred in relation with the assembly of the products into structures, like indicatively labor costs incurred in removal and replacement of defective products. This warranty does not as well cover damage caused by the structure itself or the construction or eventual repair of the building or the other wall movement, contact with chemicals or paint, discoloration due to airborne contaminants, staining or oxidation or foot traffic.

Mathios Refractories is only liable to the original purchase. This warranty can not be transferred to any subsequent owner.

This written warranty represents the entire warranty agreement between Mathios Refractories and you. This warranty may not be altered in any way other in writing by an officer of Mathios Refractories duly therefore authorized.

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# Certifications

**CERTIFICATE**

**TÜV AUSTRIA**

Management System as per  
EN ISO 9001 : 2015

In accordance with TÜV AUSTRIA procedures, it is hereby certified that

**MATHIOS  
REFRACTORIES S.A.**

**MATHIOS REFRactories S.A.**  
Headquarters: 5, Epidavrou Str., GR-182 33 AG. IOANNIS RENTIS, ATHENS, GREECE  
Factory 1: 16<sup>th</sup> Km, O.N.R. Chalkida – Athens, GR-341 00 AVLIDA, CHALKIDA, GREECE  
Factory 2 – Mathios AD: 9, Nikola Malashevski Str., 2600 DUPNICA, BULGARIA

Applies a Quality Management System in line with the above Standard for the following Scope

**RESEARCH, DEVELOPMENT, PRODUCTION AND TRADING OF  
REFRACTORY, ANTI-ACID, INSULATING, BUILDING CHEMISTRY  
CONSTRUCTION MATERIALS AND PRODUCTION OF STONE VENEERS.  
REFRACTORY, ANTI-ACID AND BUILDING CONSTRUCTIONS.**

Certificate Registration No.: 011610005343      Valid until: 2021-09-15  
Initial certification: 2010-06-02

*[Signature]*  
Haralabos Ageloudis  
Deputy General Manager  
Certification Body  
at TÜV AUSTRIA

Athens, 2018-10-02

This certification was conducted in accordance with TÜV AUSTRIA auditing and certification procedures and is subject to regular surveillance audits.

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MI Certification  
No. of Certificate 236

Headquarters in Athens bear the responsibility of the Certification decision  
The responsibility of this document is subject to the reference to TÜV Austria Hellas

**TÜV AUSTRIA GROUP**

CE

# Contact us



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# Energy Ecology Decoration

