

# Roads

**FMG** INDUSTRIAL  
SLABS

iros

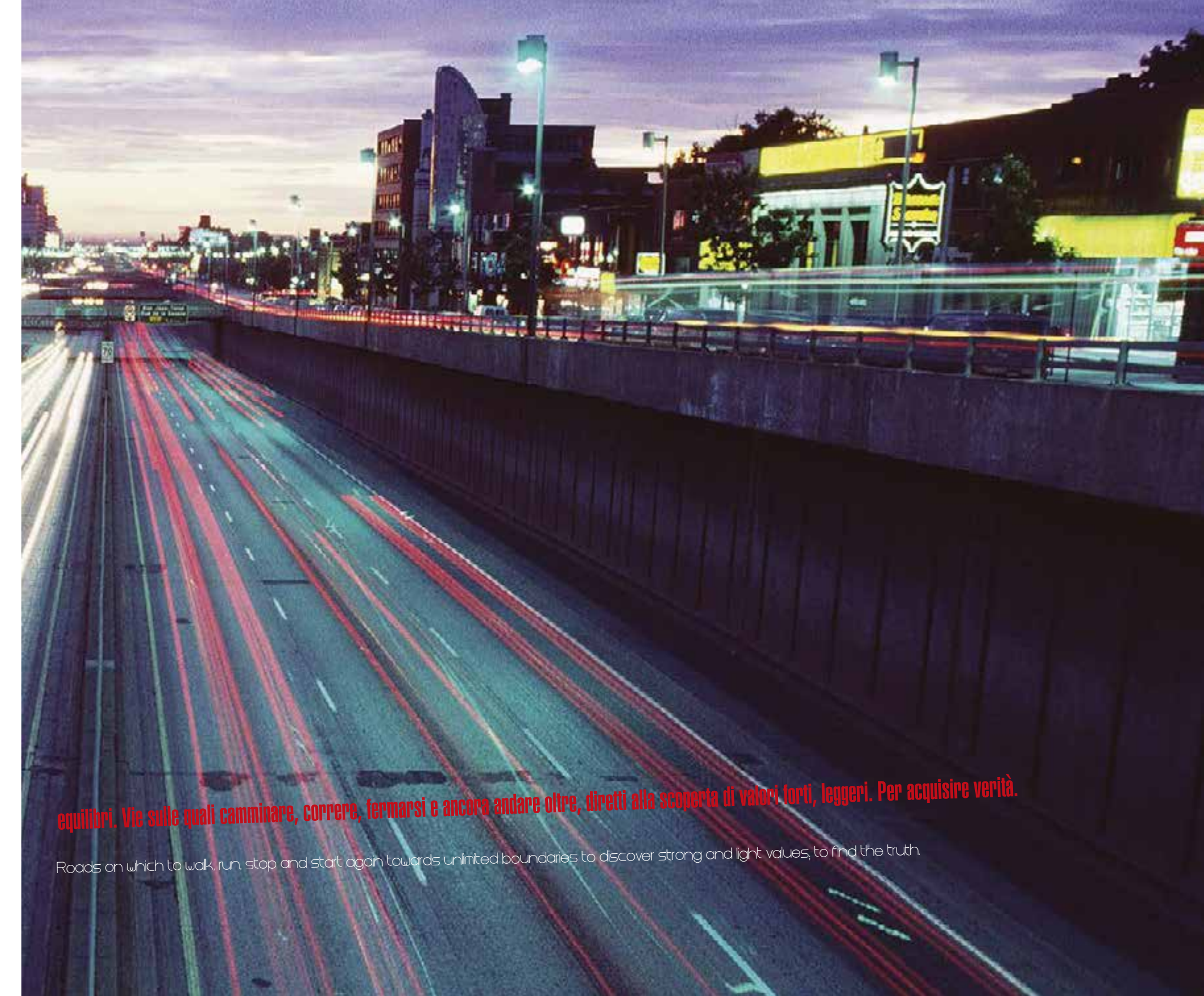
# Roads

Road to a positive frame of mind

*Strade, che corrono su asfalti densi. Strade che divengono il tramite per viaggi di esperienze lungo percorsi nei quali il colore e la materia si plasmano nella ricerca di*  
Roads that run on thick asphalts. Roads that become the means for journeys of experience along routes where colour and matter are shaped in the search for harmony.







**equilibri. Vie sulle quali camminare, correre, fermarsi e ancora andare oltre, diretti alla scoperta di valori forti, leggeri. Per acquisire verità.**

Roads on which to walk, run, stop and start again towards unlimited boundaries to discover strong and light values, to find the truth.

# Roads

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## SMOOTH

SUPERFICIE SETOSA CHE AMMORBISCE VISIVAMENTE, ARRICCHENDOLA DI GIOCHI DI LUCE, LA DUREZZA DELL'ASFALTO, VALORIZZANDONE L'UTILIZZO ANCHE IN SOLUZIONI DI INTERNI A VOLTE SORPRENDENTI.

*Silky surface that visually softens and enriches with light effects the hardness of asphalt, enhancing its use also in surprising interior solutions.*

## NATURAL MXF

LA SUPERFICIE NATURALE È RESA PIÙ MORBIDA PER ATTENUARE I GIOCHI DI LUCI E DI OMBRE, IDEALE PER SPAZI AD AMPIO RESPIRO.

*The natural surface is softened to mitigate light patterns and shadows, ideal for wide-ranging areas.*

## NATURAL

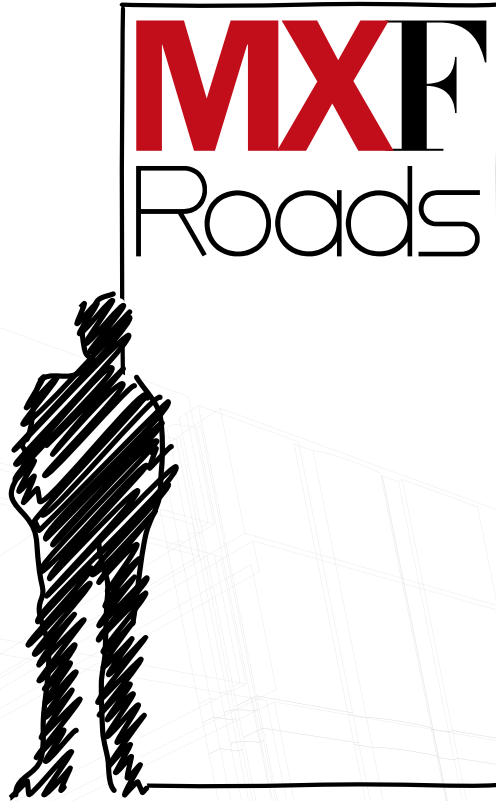
LA FINE GRANULOSITÀ DELL'ASFALTO EVIDENZIA LA NATURALITÀ DELLA MATERIA DELLA LASTRA, VERSATILE E DI IMPIEGO UNIVERSALE.

*The fine granularity of asphalt highlights the natural features of the versatile slab material suitable for all purposes.*

## FRAMED

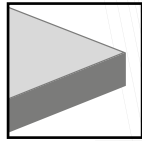
LA STRUTTURA SPACCATA A RILIEVO DELLA SUPERFICIE ACCENTUA LA PROFONDITÀ DELLA MATERIA, RENDENDOLA ADATTA PER OGNI APPLICAZIONE ANTI-SCIVOLO E DONANDOLE UN IMPATTO ESTETICO IMMEDIATO E INCISIVO.

*The surface crack pattern enhances the thickness of the material making it suitable for all non-slip applications with an immediate and incisive aesthetic effect.*



# Essere grandi per dare forma alla grandezza

Being great so that we can embody greatness.  
Etre grands pour donner forme à la grandeur.  
Groß sein, um der Größe Form zu geben.



**6mm** . 1/4"  
SPESSORE  
THICKNESS  
ÉPAISSEUR  
STÄRKE

**300x150** . 120"x60"

**150x150** . 60"x60"

**150x75** . 60"x30"

**100x100** . 40"x40"    White Purity . Grey Calm . Dark Depth

**75x75** . 30"x30"

**75x37,5** . 30"x15"

**240x120** . 96"x48"    White Purity . Sand Hearth . Coffee Truth . Dark Depth

**120x120** . 48"x48"    White Purity . Sand Hearth . Coffee Truth . Dark Depth



300x150



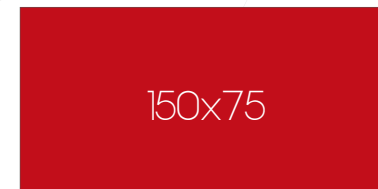
240x120



150x150



120x120



150x75



100x100

NEW



75x37,5



75x75



WHITE PURITY

SAND HEARTH

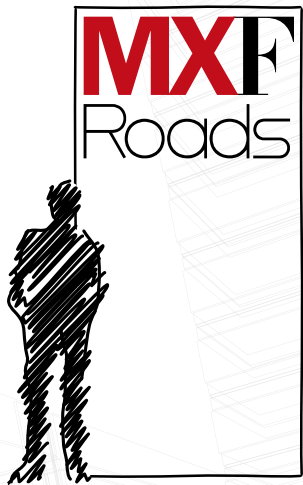
TURTLE BLAZE

PEARL MIND

GREY CALM

COFFEE TRUTH

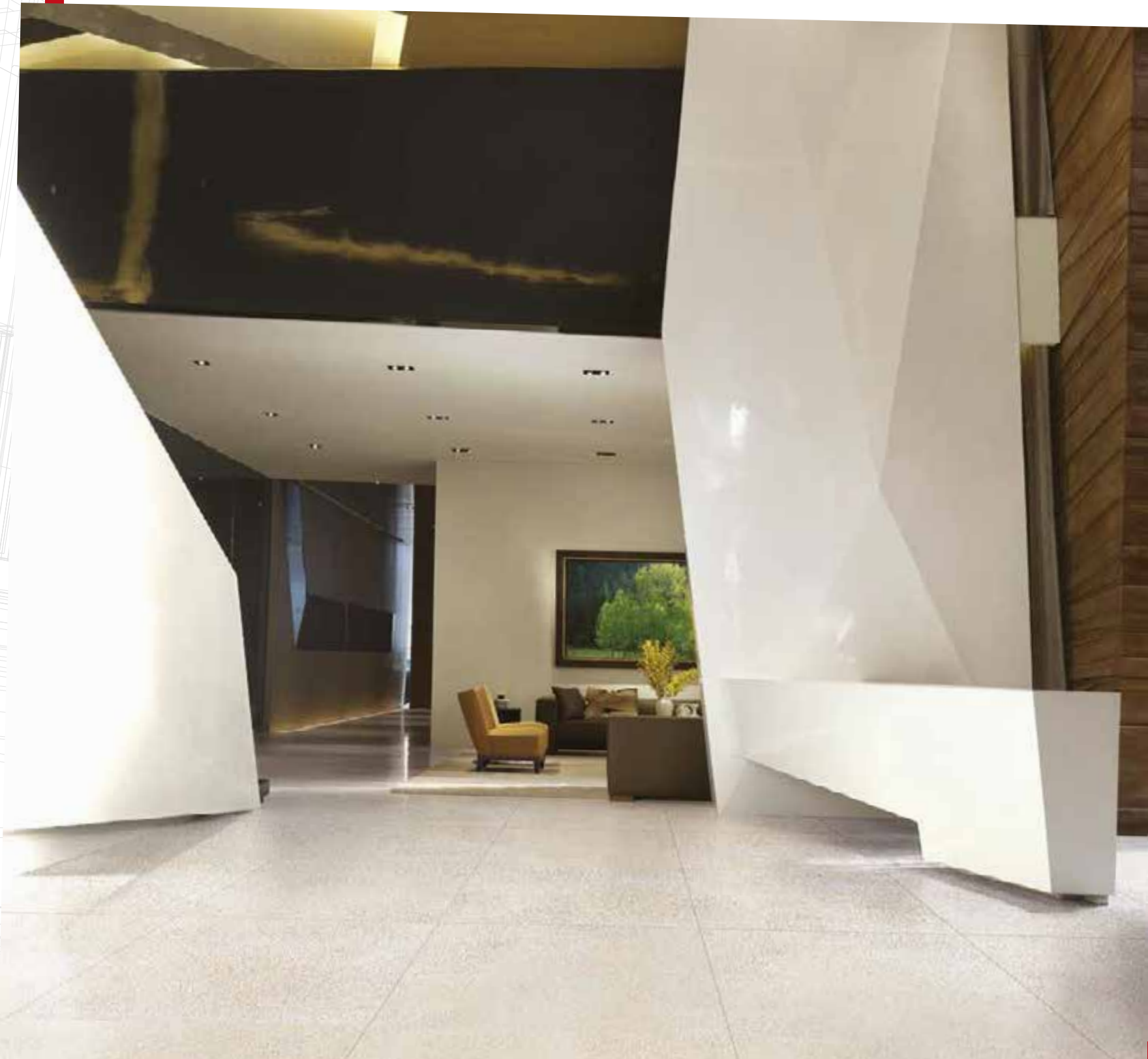
DARK DEPTH

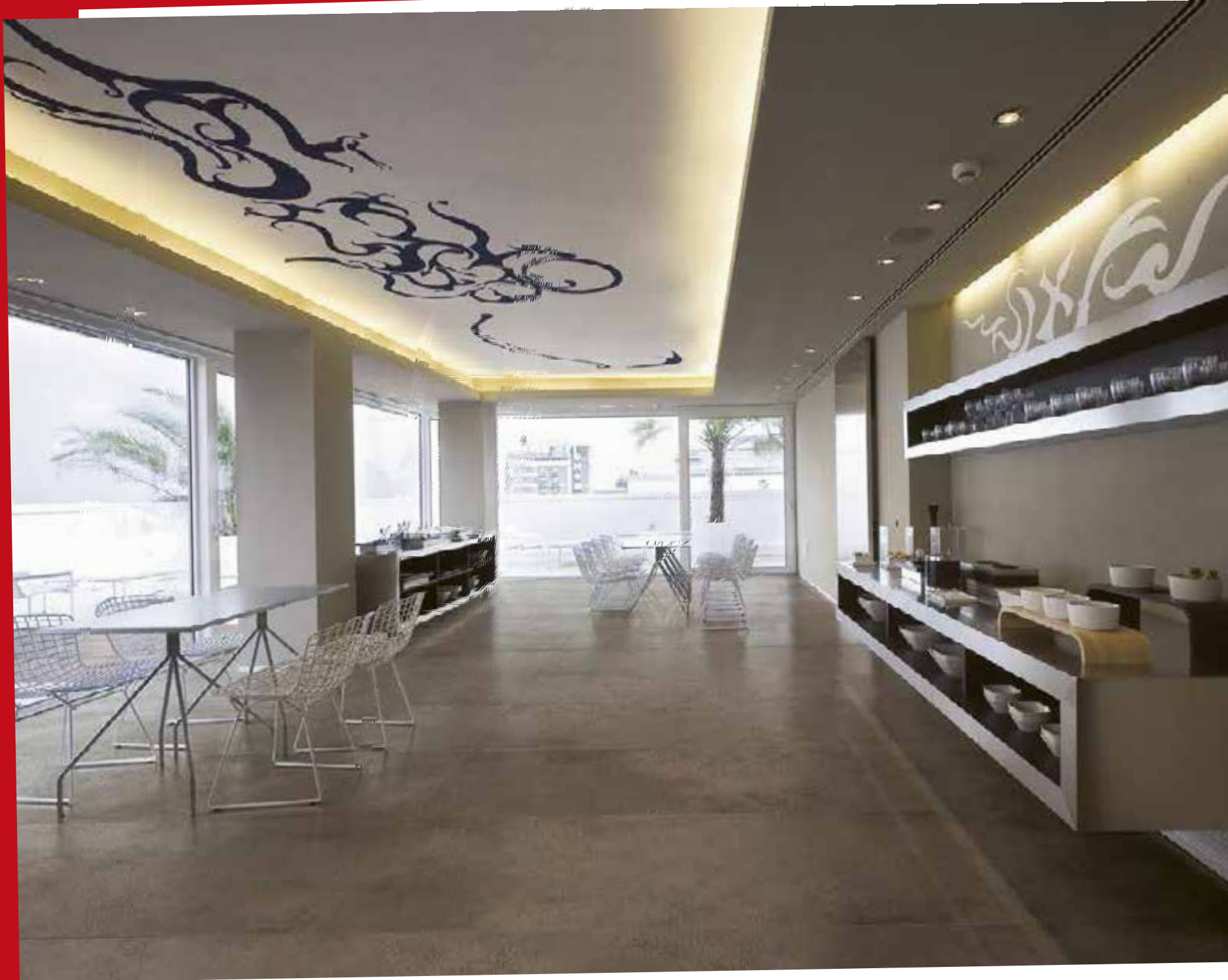




ROADS Dark Depth 300x150 . 150x150 NATURAL MXF

**MXF**  
Roads



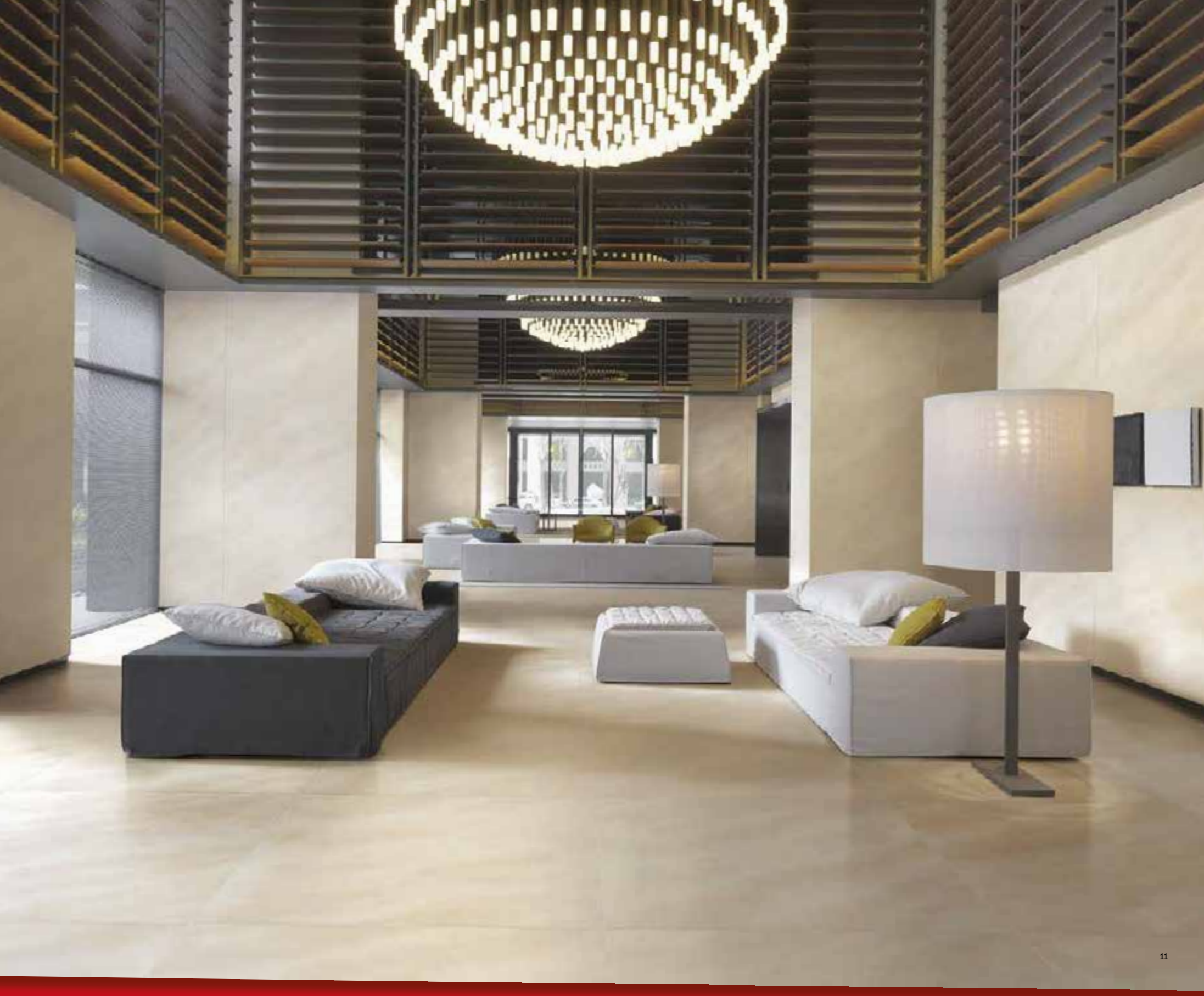


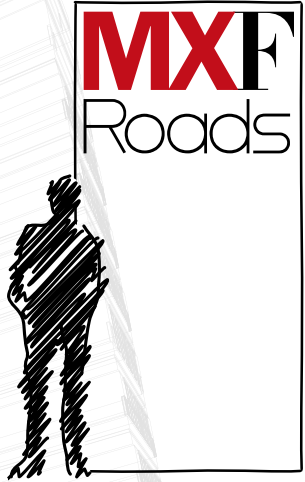


**MXF**  
Roads



ROADS Sand Heart **300x150** · **150x150** NATURAL **MXF**

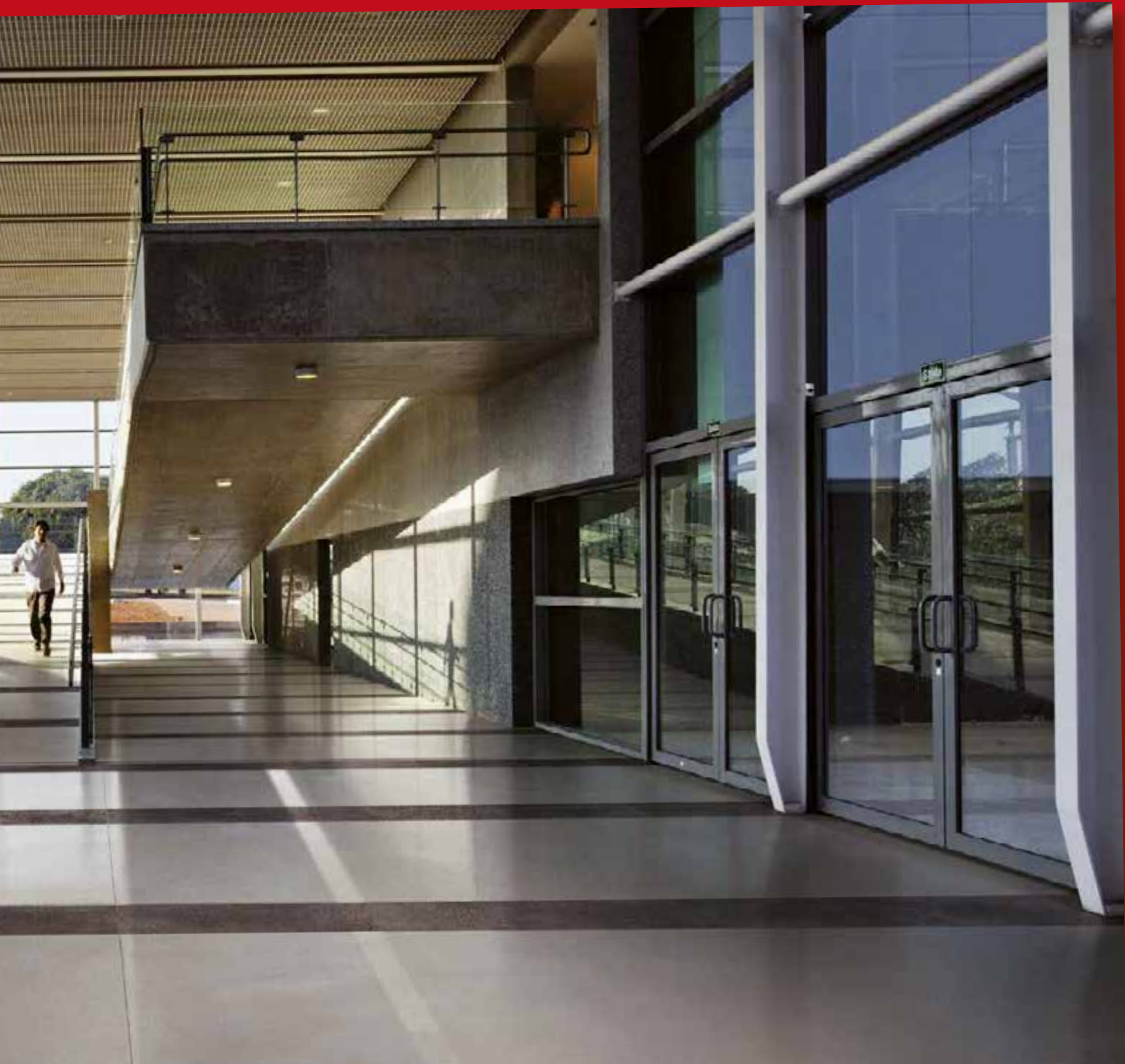


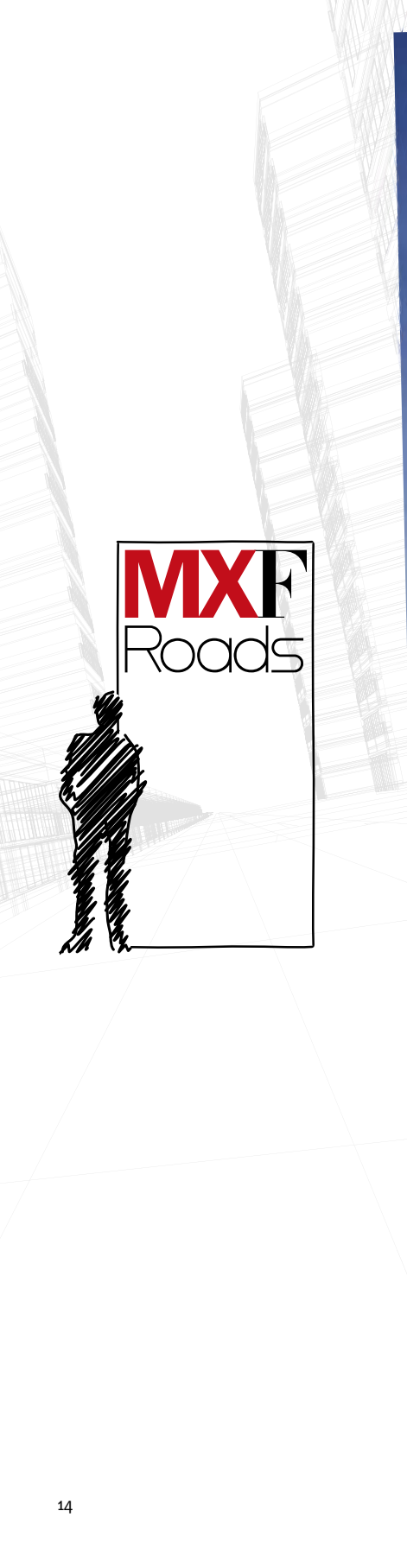


ROADS Turtle Blaze **300x150** NATURAL **MXF** · ROADS Coffee Truth **75x37,5** NATURAL **MXF**









**MXF**  
Roads





ROADS Grey Calm **150x150** . ROADS Grey Calm **300x150** NATURAL **MXF**



**MXF**  
Roads

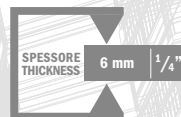


ROADS Pearl Mind **300x150 NATURAL MXF**





# Roads RANGE



## White Purity



**P315197MF6** (6 mm)  
300x150 - 120"x60"  
NATURAL **MXF**



**P240197MF6** (6 mm)  
240x120 - 96"x48"  
NATURAL **MXF**



**P175197MF6** (6 mm)  
150x75 - 60"x30"  
NATURAL **MXF**



**P737197MF6** (6 mm)  
75x37,5 - 30"x15"  
NATURAL **MXF**



**P150197MF6** (6 mm)  
150x150 - 60"x60"  
NATURAL **MXF**



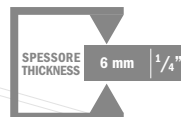
**P120197MF6** (6 mm)  
120x120 - 48"x48"  
NATURAL **MXF**



**P100197MF6** (6 mm)  
100x100 - 40"x40"  
NATURAL **MXF**



**P75197MF6** (6 mm)  
75x75 - 30"x30"  
NATURAL **MXF**



## Sand Hearth



**P315198MF6** (6 mm)  
300x150 - 120"x60"  
NATURAL **MXF**



**P240198MF6** (6 mm)  
240x120 - 96"x48"  
NATURAL **MXF**



**P175198MF6** (6 mm)  
150x75 - 60"x30"  
NATURAL **MXF**



**P737198MF6** (6 mm)  
75x37,5 - 30"x15"  
NATURAL **MXF**



**P150198MF6** (6 mm)  
150x150 - 60"x60"  
NATURAL **MXF**



**P120198MF6** (6 mm)  
120x120 - 48"x48"  
NATURAL **MXF**



**P75109MF6** (6 mm)  
75x75 - 30"x30"  
NATURAL **MXF**



## Turtle Blaze



**P315252MF6** (6 mm)  
300x150 - 120"x60"  
NATURAL **MXF**



**P175252MF6** (6 mm)  
150x75 - 60"x30"  
NATURAL **MXF**



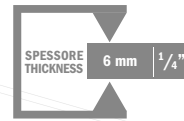
**P737252MF6** (6 mm)  
75x37,5 - 30"x15"  
NATURAL **MXF**



**P150252MF6** (6 mm)  
150x150 - 60"x60"  
NATURAL **MXF**



**P75252MF6** (6 mm)  
75x75 - 30"x30"  
NATURAL **MXF**



## Pearl Mind



**P315200MF6** (6 mm)  
300x150 - 120"x60"  
NATURAL **MXF**



**P175200MF6** (6 mm)  
150x75 - 60"x30"  
NATURAL **MXF**



**P737200MF6** (6 mm)  
75x37,5 - 30"x15"  
NATURAL **MXF**



**P150200MF6** (6 mm)  
150x150 - 60"x60"  
NATURAL **MXF**



**P75200MF6** (6 mm)  
75x75 - 30"x30"  
NATURAL **MXF**

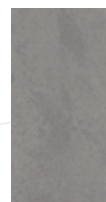
## Grey Calm



**P315201MF6** (6 mm)  
300x150 - 120"x60"  
NATURAL **MXF**



**P175201MF6** (6 mm)  
150x75 - 60"x30"  
NATURAL **MXF**



**P737201MF6** (6 mm)  
75x37,5 - 30"x15"  
NATURAL **MXF**



**P150201MF6** (6 mm)  
150x150 - 60"x60"  
NATURAL **MXF**



**P100201MF6** (6 mm)  
100x100 - 40"x40"  
NATURAL **MXF**



**P75201MF6** (6 mm)  
75x75 - 30"x30"  
NATURAL **MXF**

## Coffee Truth



**P315199MF6** (6 mm)  
300x150 - 120"x60"  
NATURAL **MXF**



**P240199MF6** (6 mm)  
240x120 - 96"x48"  
NATURAL **MXF**



**P175198MF6** (6 mm)  
150x75 - 60"x30"  
NATURAL **MXF**



**P737199MF6** (6 mm)  
75x37,5 - 30"x15"  
NATURAL **MXF**



**P150199MF6** (6 mm)  
150x150 - 60"x60"  
NATURAL **MXF**



**P120199MF6** (6 mm)  
120x120 - 48"x48"  
NATURAL **MXF**



**P75199MF6** (6 mm)  
75x75 - 30"x30"  
NATURAL **MXF**

## Dark Depth



**P315202MF6** (6 mm)  
300x150 - 120"x60"  
NATURAL **MXF**



**P240202MF6** (6 mm)  
240x120 - 96"x48"  
NATURAL **MXF**



**P175202MF6** (6 mm)  
150x75 - 60"x30"  
NATURAL **MXF**



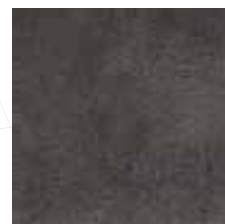
**P737202MF6** (6 mm)  
75x37,5 - 30"x15"  
NATURAL **MXF**



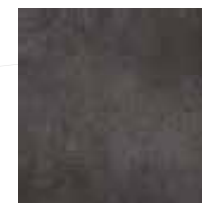
**P150202MF6** (6 mm)  
150x150 - 60"x60"  
NATURAL **MXF**



**P120202MF6** (6 mm)  
120x120 - 48"x48"  
NATURAL **MXF**



**P100202MF6** (6 mm)  
100x100 - 40"x40"  
NATURAL **MXF**



**P75202MF6** (6 mm)  
75x75 - 30"x30"  
NATURAL **MXF**

# Roads



120x60



60x60



60x30

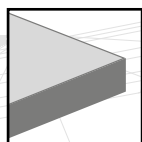


90x45

WHITE PURITY

SAND HEARTH

TURTLE BLAZE



120x60 - 48"x24"  
60x60 - 24"x24"  
60x30 - 24"x12"  
60x15 - 24"x6"  
60x10 - 24"x4"  
90x45 - 36"x18"  
90x15 - 36"x6"

**10mm** .  $\frac{3}{8}$ "

SPESSORE  
THICKNESS  
ÉPAISSEUR  
STÄRKE

**120x60** . 48"x24"

**60x60** . 24"x24"

**60x30** . 24"x12"

**90x45** . 36"x18"

PEARL MIND

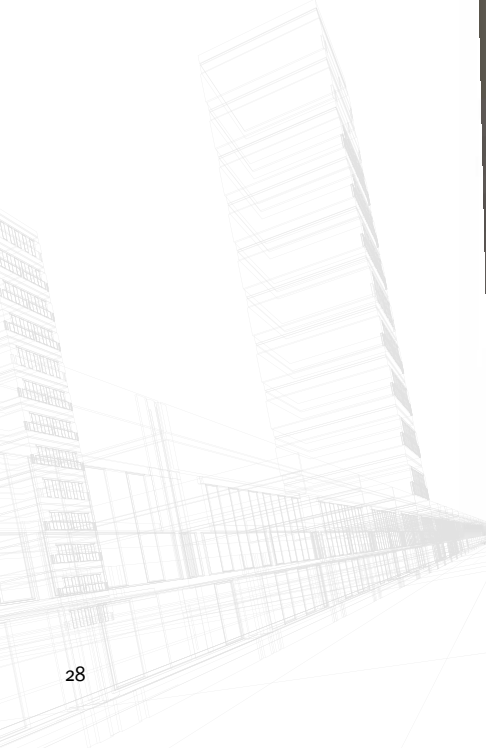
GREY CALM

COFFEE TRUTH

DARK DEPTH

BLACK INTENSITY

# Roads







ROADS Coffee Truith **120x60** SQ. SMOOTH . ROADS Sand Hearin **120x60** SQ. SMOOTH

# Roads



ROADS Coffee Truth **120x60** SQ. SMOOTH . ROADS Sand Hearh **120x60** SQ. SMOOTH





# Roads



ROADS Black Intensity **60x60** SQ. NATURAL . ROADS Black Intensity Plug **30x30** (2x2) NATURAL . ROADS White Purity Plug **30x30** (2x2) NATURAL







# Roads



ROADS Black Intensity **60x60** SQ. NATURAL . White Purity Plug **30x30** (2x2) NATURAL

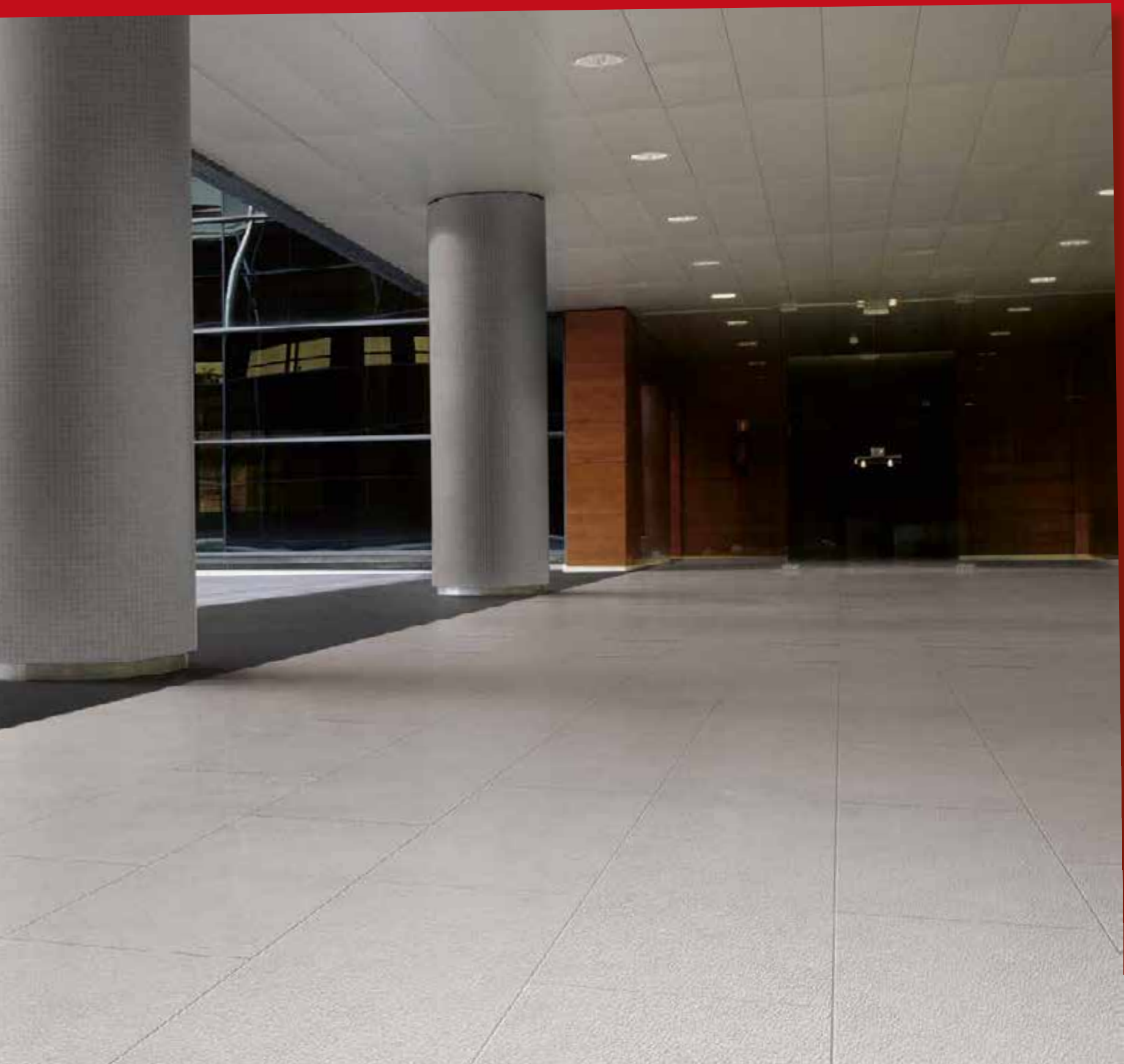


# Roads

ROADS Dark Depth **60x30** SQ. FRAMED . ROADS Pearl Mind **60x30** SQ. FRAMED . ROADS Grey Calm Plug **30x30** (2x2) NATURAL







# Roads



ROADS Dark Depth **60x30** SQ. FRAMED . ROADS Pearl Mind **60x30** SQ. FRAMED . ROADS Grey Calm Plug **30x30** (2x2) NATURAL





ROADS Grey Calm Stick **30x30** NATURAL . ROADS Grey Calm **60x60** SQ. NATURAL

# Roads







# Roads

ROADS Turtle Blaze **60x60** SQ. NATURAL





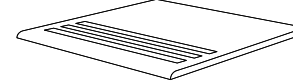
## White Purity



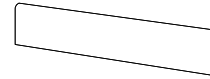
**P62197** SQ. 120x60 - 48"x24" Smooth



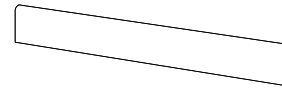
**PS66197** SQ. 60x60 - 24"x24" Natural  
**P66197** SQ. 60x60 - 24"x24" Smooth  
**ST66197** SQ. 60x60 - 24"x24" Framed  
**P66197AC** SQ. 60x60 - 24"x24" Active



**PS33197** Gradino 30x30 - 12"x12" Natural  
**P33209** Gradino 30x30 - 12"x12" Smooth



**PS95197** Battiscopa 9x45 - 3"x18" Natural



**PS69197** Battiscopa 9x60 - 3"x24" Natural  
**P69197** Battiscopa 9x60 - 3"x24" Smooth



**PS59197** SQ. 90x45 - 36"x18" Natural



**PS63197** SQ. 60x30 - 24"x12" Natural  
**P63197** SQ. 60x30 - 24"x12" Smooth  
**ST63197** SQ. 60x30 - 24"x12" Framed



**PS30806** Plug 30x30 (2x2)  
 12"x12" ( $13/16"$ x $13/16"$ ) Natural  
 su rete - on net



**PS30813** Stick 30x30  
 12"x12" Natural  
 su rete - on net



**PS15859** Listone 60x15 - 24"x6" Natural

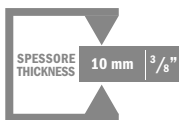


**PS91503** Listone 90x15 - 36"x6" Natural



**PS16859** Listone 60x10 - 24"x4" Natural

SQ. : SQUADRATO - SQUARED



120x60 - 48"x24"  
 60x60 - 24"x24"  
 60x30 - 24"x12"  
 60x15 - 24"x6"  
 60x10 - 24"x4"  
 90x45 - 36"x18"  
 90x15 - 36"x6"

SMOOTH **R9** A

NATURAL **R10** A+B

FRAMED **R12** A+B+C



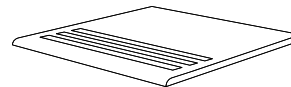
## Sand Hearth



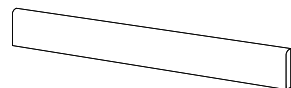
**P62198** SQ. 120x60 - 48"x24" Smooth



**PS66198** SQ. 60x60 - 24"x24" Natural  
**P66198** SQ. 60x60 - 24"x24" Smooth  
**ST66198** SQ. 60x60 - 24"x24" Framed



**PS33198** Gradino 30x30 - 12"x12" Natural  
**P33210** Gradino 30x30 - 12"x12" Smooth



**PS69198** Battiscopa 9x60 - 3"x24" Natural  
**P69198** Battiscopa 9x60 - 3"x24" Smooth



**PS63198** SQ. 60x30 - 24"x12" Natural  
**P63198** SQ. 60x30 - 24"x12" Smooth  
**ST63198** SQ. 60x30 - 24"x12" Framed



**PS30807** Plug 30x30 (2x2)  
 12"x12" ( $13/16"$  x  $13/16"$ ) Natural  
 su rete - on net



**PS30814** Stick 30x30  
 12"x12" Natural  
 su rete - on net



**PS15860** Listone 60x15 - 24"x6" Natural



**PS16860** Listone 60x10 - 24"x4" Natural

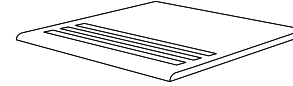
## Turtle Blaze



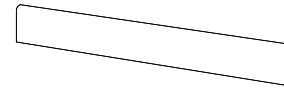
**P62252** SQ. 120x60 - 48"x24" Smooth



**PS66252** SQ. 60x60 - 24"x24" Natural  
**P66252** SQ. 60x60 - 24"x24" Smooth  
**ST66252** SQ. 60x60 - 24"x24" Framed



**PS33252** Gradino 30x30 - 12"x12" Natural  
**P33252** Gradino 30x30 - 12"x12" Smooth



**PS69252** Battiscopa 9x60 - 3"x24" Natural  
**P69252** Battiscopa 9x60 - 3"x24" Smooth



**PS63252** SQ. 60x30 - 24"x12" Natural  
**P63252** SQ. 60x30 - 24"x12" Smooth  
**ST63252** SQ. 60x30 - 24"x12" Framed



**PS30825** Plug 30x30 (2x2)  
 12"x12" (<sup>13</sup>/<sub>16</sub>"x<sup>13</sup>/<sub>16</sub>" ) Natural  
 su rete - on net



**PS30824** Stick 30x30  
 12"x12" Natural  
 su rete - on net

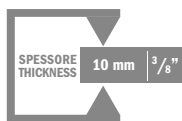


**PS15866** Listone 60x15 - 24"x6" Natural



**PS16869** Listone 60x10 - 24"x4" Natural

SQ. : SQUADRATO - SQUARED



120x60 - 48"x24"  
 60x60 - 24"x24"  
 60x30 - 24"x12"  
 60x15 - 24"x6"  
 60x10 - 24"x4"  
 90x45 - 36"x18"  
 90x15 - 36"x6"

SMOOTH R9 A

NATURAL R10 A+B

FRAMED R12 A+B+C

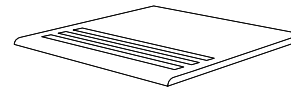
## Pearl Mind



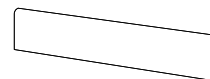
**P62200** SQ. 120x60 - 48"x24" Smooth



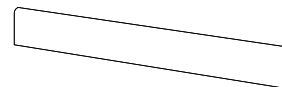
**PS66200** SQ. 60x60 - 24"x24" Natural  
**P66200** SQ. 60x60 - 24"x24" Smooth  
**ST66200** SQ. 60x60 - 24"x24" Framed



**PS33200** Gradino 30x30 - 12"x12" Natural  
**P33212** Gradino 30x30 - 12"x12" Smooth



**PS95200** Battiscopa 9x45 - 3"x18" Natural



**PS69200** Battiscopa 9x60 - 3"x24" Natural  
**P69200** Battiscopa 9x60 - 3"x24" Smooth



**PS59200** SQ. 90x45 - 36"x18" Natural



**PS63200** SQ. 60x30 - 24"x12" Natural  
**P63200** SQ. 60x30 - 24"x12" Smooth  
**ST63200** SQ. 60x30 - 24"x12" Framed



**PS30809** Plug 30x30 (2x2)  
 12"x12" ( $13/16$ "x $13/16$ " ) Natural  
 su rete - on net



**PS30816** Stick 30x30  
 12"x12" Natural  
 su rete - on net



**PS91504** Listone 90x15 - 36"x6" Natural



**PS15862** Listone 60x15 - 24"x6" Natural



**PS16862** Listone 60x10 - 24"x4" Natural

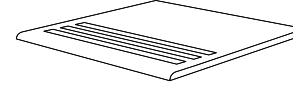
## Grey Calm



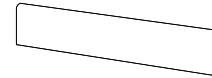
**P62201** SQ. 120x60 - 48"x24" Smooth



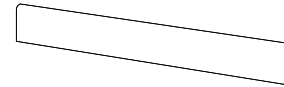
**PS66201** SQ. 60x60 - 24"x24" Natural  
**P66201** SQ. 60x60 - 24"x24" Smooth  
**ST66201** SQ. 60x60 - 24"x24" Framed



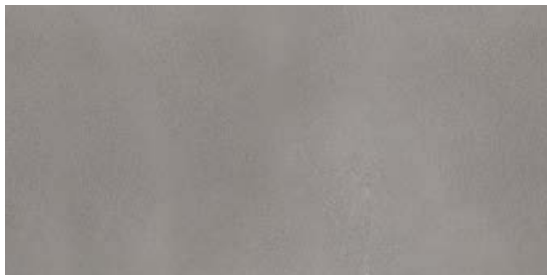
**PS33201** Gradino 30x30 - 12"x12" Natural  
**P33213** Gradino 30x30 - 12"x12" Smooth



**PS95201** Battiscopa 9x45 - 3"x18" Natural



**PS69201** Battiscopa 9x60 - 3"x24" Natural  
**P69201** Battiscopa 9x60 - 3"x24" Smooth



**PS59201** SQ. 90x45 - 36"x18" Natural



**PS63201** SQ. 60x30 - 24"x12" Natural  
**P63201** SQ. 60x30 - 24"x12" Smooth  
**ST63201** SQ. 60x30 - 24"x12" Framed



**PS30810** Plug 30x30 (2x2)  
 12"x12" ( $13/16"$ x $13/16"$ ) Natural  
 su rete - on net



**PS30817** Stick 30x30  
 12"x12" Natural  
 su rete - on net



**PS15863** Listone 60x15 - 24"x6" Natural

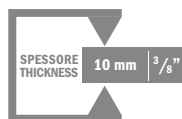


**PS91505** Listone 90x15 - 36"x6" Natural



**PS16863** Listone 60x10 - 24"x4" Natural

SQ. : SQUADRATO - SQUARED



120x60 - 48"x24"  
 60x60 - 24"x24"  
 60x30 - 24"x12"  
 60x15 - 24"x6"  
 60x10 - 24"x4"  
 90x45 - 36"x18"  
 90x15 - 36"x6"

SMOOTH **R9** A

NATURAL **R10** A+B

FRAMED **R12** A+B+C

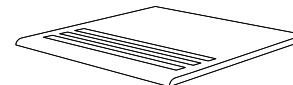
## Coffee Truth



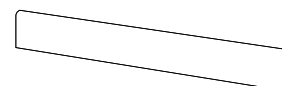
**P62199** SQ. 120x60 - 48"x24" Smooth



**PS66199** SQ. 60x60 - 24"x24" Natural  
**P66199** SQ. 60x60 - 24"x24" Smooth  
**ST66199** SQ. 60x60 - 24"x24" Framed



**PS33199** Gradino 30x30 - 12"x12" Natural  
**P33211** Gradino 30x30 - 12"x12" Smooth



**PS69199** Battiscopa 9x60 - 3"x24" Natural  
**P69199** Battiscopa 9x60 - 3"x24" Smooth



**PS63199** SQ. 60x30 - 24"x12" Natural  
**P63199** SQ. 60x30 - 24"x12" Smooth  
**ST63199** SQ. 60x30 - 24"x12" Framed



**PS30808** Plug 30x30 (2x2)  
 12"x12" ( $13/16"$  x  $13/16"$ ) Natural  
 su rete - on net



**PS30815** Stick 30x30  
 12"x12" Natural  
 su rete - on net



**PS15861** Listone 60x15 - 24"x6" Natural



**PS16861** Listone 60x10 - 24"x4" Natural

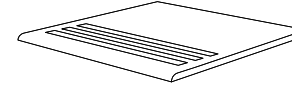
## Dark Depth



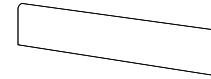
**P62202** SQ. 120x60 - 48"x24" Smooth



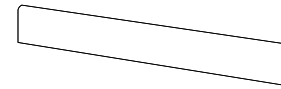
**PS66202** SQ. 60x60 - 24"x24" Natural  
**P66202** SQ. 60x60 - 24"x24" Smooth  
**ST66202** SQ. 60x60 - 24"x24" Framed



**PS33202** Gradino 30x30 - 12"x12" Natural  
**P33214** Gradino 30x30 - 12"x12" Smooth



**PS95202** Battiscopa 9x45 - 3"x18" Natural



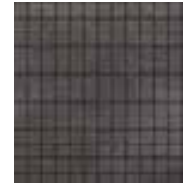
**PS69202** Battiscopa 9x60 - 3"x24" Natural  
**P69202** Battiscopa 9x60 - 3"x24" Smooth



**PS59202** SQ. 90x45 - 36"x18" Natural



**PS63202** SQ. 60x30 - 24"x12" Natural  
**P63202** SQ. 60x30 - 24"x12" Smooth  
**ST63202** SQ. 60x30 - 24"x12" Framed



**PS30811** Plug 30x30 (2x2)  
 12"x12" ( $13/16"$  $\times$  $13/16"$ ) Natural  
 su rete - on net



**PS30818** Stick 30x30  
 12"x12" Natural  
 su rete - on net



**PS91506** Listone 90x15 - 36"x6" Natural

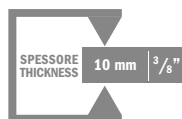


**PS15864** Listone 60x15 - 24"x6" Natural



**PS16864** Listone 60x10 - 24"x4" Natural

SQ. : SQUADRATO - SQUARED



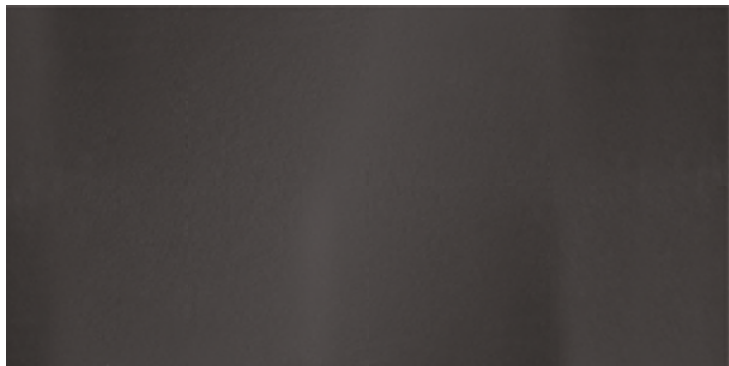
120x60 - 48"x24"  
 60x60 - 24"x24"  
 60x30 - 24"x12"  
 60x15 - 24"x6"  
 60x10 - 24"x4"  
 90x45 - 36"x18"  
 90x15 - 36"x6"

SMOOTH R9 A

NATURAL R10 A+B

FRAMED R12 A+B+C

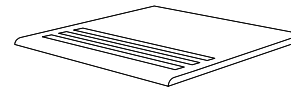
## Black Intensity



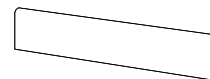
**P62203** SQ. 120x60 - 48"x24" Smooth



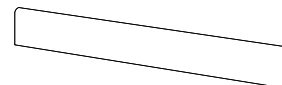
**PS66203** SQ. 60x60 - 24"x24" Natural  
**P66203** SQ. 60x60 - 24"x24" Smooth  
**ST66203** SQ. 60x60 - 24"x24" Framed



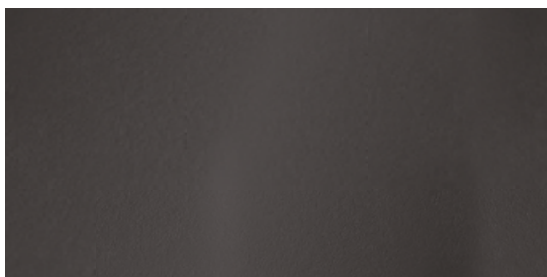
**PS33203** Gradino 30x30 - 12"x12" Natural  
**P33215** Gradino 30x30 - 12"x12" Smooth



**PS95203** Battiscopa 9x45 - 3"x18" Natural



**PS69203** Battiscopa 9x60 - 3"x24" Natural  
**P69203** Battiscopa 9x60 - 3"x24" Smooth



**PS59203** SQ. 90x45 - 36"x18" Natural



**PS63203** SQ. 60x30 - 24"x12" Natural  
**P63203** SQ. 60x30 - 24"x12" Smooth  
**ST63203** SQ. 60x30 - 24"x12" Framed



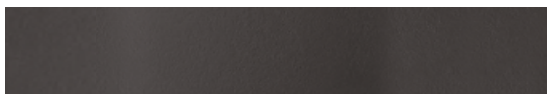
**PS30812** Plug 30x30 (2x2)  
 12"x12" ( $13/16"$  x  $13/16"$ ) Natural  
 su rete - on net



**PS30819** Stick 30x30  
 12"x12" Natural  
 su rete - on net



**PS15865** Listone 60x15 - 24"x6" Natural



**PS91507** Listone 90x15 - 36"x6" Natural



**PS16865** Listone 60x10 - 24"x4" Natural





# COSTRUIRE SECONDO NATURA BUILDING ACCORDING TO NATURE

Le lastre della collezione ROADS di FMG Industrial Slabs sono certificate ANAB per l'architettura bioecologica.  
The slabs of the ROADS collection by FMG Industrial Slabs have been awarded the ANAB bioarchitecture certification.

## LA CERTIFICAZIONE ANAB

ANAB (Associazione Nazionale Architettura Bioecologica) è la prima associazione nata in Italia nel 1989 nel settore della bioedilizia con l'obiettivo di sensibilizzare sui pericoli, per la salute dell'uomo e del territorio, insiti nell'attuale modello produttivo del settore edilizio e sulla necessità di modificarne radicalmente gli indirizzi. Il marchio contrassegna i prodotti che ottengono la certificazione secondo i metodi di valutazione messi a punto da ANAB attraverso l'attività di controllo di ICEA (Istituto per la Certificazione Etica e Ambientale), a cui è stata trasferita l'attività di controllo che si riferisce al marchio ANAB. Il marchio ANAB è uno strumento che consente maggiore correttezza e chiarezza nel rapporto tra produttori, utilizzatori, progettisti e utenti e favorisce la diffusione qualificata dei materiali per la bioedilizia.

## ANAB CERTIFICATION

ANAB (National Association of Bioecological Architecture) was the first association set up in Italy (in 1989) in the eco-building industry with the aim of enlightening to the health and environmental risks of the current production model adopted by the building industry for housing. It aims to make people aware of the need for radical changes and to encourage the use of construction methods and materials that respect living beings and their environment. The ANAB mark shows that the products bearing it have met the certification assessment criteria developed by ANAB on the basis of tests by control body ICEA (Institute for Ethical and Environmental Certification). ICEA institute is assigned by ANAB to carry out the inspections required to obtain the ANAB mark. The ANAB mark is a tool which helps establish fairness and clearer understanding in the relationship between manufacturers, designers and users, and spreads awareness of eco-building materials.

## Consigli per la pulizia e manutenzione giornaliera

### SUPERFICIE SMOOTH

#### Pulizia ordinaria

Pulire il rivestimento a parete o pavimento con acqua pulita (tiepida o fredda) aggiungendo detersivi tipo Azzurro o Singular (Sutter) o Detersan Casa (Madras) o Fila-cleaner (Fila). Con i prodotti sopra indicati si consiglia di utilizzare macchine lava-pavimenti avendo cura di diluire i detersivi secondo le indicazioni fornite dal produttore.

#### Pulizia straordinaria o grande pulizia

Pulire il pavimento con acqua tiepida e detersivi tipo Antipolvere (Madras) o Decalc (Sutter) o Deterdek (Fila). Con i prodotti sopra indicati si consiglia di utilizzare o macchine lava pavimenti diluendo i detersivi secondo indicazioni o impiegando spugne per grès porcellanato in base al tipo di superficie (SMOOTH: bianco o giallo).

#### Pulizia e manutenzione adibiti a traffico pesante

**Fase 1: Lavaggio iniziale.** Dopo aver pulito bene la superficie, distribuire uniformemente la soluzione 1:5 di acido e, successivamente, aiutandosi con monospazzola munita di disco verde oppure spazzolone con straccio, pulire energicamente (quando l'operazione viene eseguita a mano con spazzolone, si raccomanda di sciacquare spesso lo straccio nella soluzione di lavaggio). Risciacquare accuratamente con acqua pulita, aiutandosi eventualmente con macchina aspiraliquidi.

**Fase 2: Manutenzione.** Per la manutenzione ordinaria si consiglia il lavaggio con un detersivo neutro diluito 1:200 in acqua. Non è necessario il risciacquo. Si può utilizzare anche con macchine lavasciuga a diluizioni superiori a 1:100. Per la manutenzione straordinaria, cioè quando si presentano macchie più ostinate, si consiglia l'uso di un detersivo sgrassante. Questo intervento richiede un successivo risciacquo.

## Recommendations for daily cleaning and maintenance

### SMOOTH SURFACE

#### Routine cleaning

Clean floor and walls using clean water (tepid or cold) and detergents such as Azzurro or Singular (Sutter), Detersan Casa (Madras) or Filacleaner (Fila). With the above-mentioned products, we recommend to use floor-cleaning machines and to dilute the detergent according to the manufacturer's instructions.

#### Special or overall cleaning

Clean the floor using tepid water and detergents such as Antipolvere (Madras), Decalc (Sutter) or Deterdek (Fila). With the above-mentioned products, we recommend to use floor-cleaning machines and to dilute the detergent according to the manufacturer's instructions, or to use special pads for porcelain stoneware depending on the type of surface finish (SMOOTH: white or yellow).

#### Cleaning and maintenance for surfaces exposed to heavy traffic

**Stage 1: First wash.** After cleaning the surface well, spread the 1:5 acid solution over it evenly, then - using a single-disc cleaner fitted with a green disc or a handheld mopping system, clean the surface vigorously (when cleaning by hand with a mop, we recommend you rinse the mop in the washing solution frequently). Rinse off carefully with clean water, using a fluid vacuum cleaner if necessary.

**Stage 2: Maintenance.** For routine maintenance, we recommend you wash the surface with a neutral detergent diluted with water (ratio: 1:200). No rinsing is needed. A wash 'n' dry vacuum cleaner can also be used with dilution ratios of over 1:100. For special maintenance, i.e. in the event of more stubborn stains, we recommend you use a degreasing detergent. After using a degreasing detergent, always rinse the surface clean.

Tipo di sporco	Detersivi consigliati	Type of dirt	Recommended detergents
Effluorescenze calcaree, Malta, Residui meccanici, Ruggine, Tempere murali	Decalc (Sutter), Det Acido (Technokolla), Deterdek (Fila), PowerFix (Kiehl)	Calcareous deposit, Mortar, Metallic residues, Rust, Wall tempera	Decalc (Sutter), Det Acido (Technokolla), Deterdek (Fila), PowerFix (Kiehl)
Grafite (matita)	Gomma da matita e/o Cif Gel Crema (Lever) + azione forte con spugna verde, Corvett (Kiehl)	Graphite (pencil marks)	Rubber for pencil and/or Cif Gel Crema (Lever) + strong action with green sponge, Corvett (Kiehl)
Birra, Caffè, Coca Cola, Gelato, Grassi animali e vegetali, Ketchup, Vino	Cif Gel Liquido (Lever), Corvett (Kiehl), Det Base (Technokolla), PS/87 (Fila)	Beer, Coffee, Coca Cola, Ice cream, Animal or vegetable fats, Ketchup, Wine	Cif Gel Liquido (Lever), Corvett (Kiehl), Det Base (Technokolla), PS/87 (Fila)
Gomma di pneumatico, Olii di parti meccaniche, Resine, Smalti	Cif Crema Attiva (Lever), Corvett (Kiehl), Det Base (Technokolla), Detergum (Kymax), PS/87 (Fila)	Tyre tracks, Oil from mechanical parts, Resins, Enamel	Cif Crema Attiva (Lever), Corvett (Kiehl), Det Base (Technokolla), Detergum (Kymax), PS/87 (Fila)
Inchiostri, Lampostil/pennarello	Diluyente nitro, Flash (Sutter), Tablefit (Kiehl)	Ink, Pen marks	Nitro solvent, Flash (Sutter), Tablefit (Kiehl)



Possono essere utilizzati tutti i detersivi esistenti sul mercato, alla concentrazione desiderata a esclusione dell'acido FLUORIDRICO (HF) o dei suoi composti, come da norma ISO 10545-14.



Any detergent available in the market can be used in the desired concentration for cleaning, with the exception of HYDROFLUORIC acid (HF) or its compounds, according to ISO 10545-14 standards.

## Consigli per la pulizia e manutenzione giornaliera

### SUPERFICI NATURAL E FRAMED

#### Pulizia Ordinaria

Pulire il rivestimento a parete o pavimento con acqua tiepida pulita e l'aggiunta di prodotti detergenti tipo Ajax, Emulsio Ceramica o Lysoform Casa diluiti secondo le istruzioni d'uso. Sulla superficie FRAMED è consigliato l'utilizzo di uno strofinaccio ruvido. Non necessita di trattamenti speciali.

#### Pulizia straordinaria o grande pulizia

Pulire il pavimento con uno strofinaccio ruvido bagnato con acqua tiepida e l'aggiunta di detergenti tipo aceto bianco, Ajax pavimenti o Mastro Lindo diluiti in quantità pari al doppio di quelle consigliate sulle relative confezioni e al termine risciacquare la pavimentazione con acqua tiepida pulita. In alternativa utilizzare con spugna umida o straccio un detergente tipo Cif Gel Liquido (puro o diluito).

#### Pulizia e manutenzione adibiti a traffico pesante

**Fase 1: Lavaggio iniziale.** Dopo aver pulito bene la superficie, distribuire uniformemente la soluzione 1:5 di acido e, successivamente, aiutandosi con monospazzola munita di disco verde oppure spazzolone con straccio, pulire energicamente (quando l'operazione viene eseguita a mano con spazzolone, si raccomanda di sciacquare spesso lo straccio nella soluzione di lavaggio). Risciacquare accuratamente con acqua pulita, aiutandosi eventualmente con macchina aspiraliquidi.

**Fase 2: Manutenzione.** Per la manutenzione ordinaria si consiglia il lavaggio con un detergente neutro diluito 1:200 in acqua. Non è necessario il risciacquo. Si può utilizzare anche con macchine lavasciuga a diluizioni superiori a 1:100. Per la manutenzione straordinaria, cioè quando si presentano macchie più ostinate, si consiglia l'uso di un detergente sgrassante. Questo intervento richiede un successivo risciacquo.

## Recommendations for daily cleaning and maintenance

### NATURAL AND FRAMED SURFACES

#### Routine cleaning

Clean floor and walls using clean water with detergents such as Ajax, Emulsio Ceramica or Lysoform Casa diluted according to the manufacturer's instructions. For FRAMED surface we recommend to use a rough cloth. No special treatments are necessary.

#### Special or overall cleaning

Clean the floor using a rough cloth soaked in tepid water in which you have to dilute double the amount of detergents recommended by the manufacturers (e.g. Ajax floor cleaner, Meister Proper or white vinegar). Rinse the floor with clean tepid water. A detergent such as Cif Gel (pure or diluted) can also be used with a damp sponge or cloth.

#### Cleaning and maintenance for surfaces exposed to heavy traffic

**Stage 1: First wash.** After cleaning the surface well, spread the 1:5 acid solution over it evenly, then - using a single-disc cleaner fitted with a green disc or a handheld mopping system, clean the surface vigorously (when cleaning by hand with a mop, we recommend you rinse the mop in the washing solution frequently). Rinse off carefully with clean water, using a fluid vacuum cleaner if necessary.

**Stage 2: Maintenance.** For routine maintenance, we recommend you wash the surface with a neutral detergent diluted with water (ratio: 1:200). No rinsing is needed. A wash 'n' dry vacuum cleaner can also be used with dilution ratios of over 1:100. For special maintenance, i.e. in the event of more stubborn stains, we recommend you use a degreasing detergent. After using a degreasing detergent, always rinse the surface clean.

Tipo di sporco	Detergenti consigliati	Type of dirt	Recommended detergents
Effluorescenze calcaree, Malta	Aceto bianco, Cif Forza Liquida, Diluente nitro, Trielina	Calcareous deposit, Mortar	White vinegar, Cif Forza Liquida, Nitro solvent, Trielina
Grafite (matita)	Cif Gel Crema, Vim Clorex in polvere	Graphite (pencil marks)	Cif Gel Crema, Vim Clorex in powder
Ruggine	Diluente nitro	Rust	Nitro solvent
Birra, Caffè, Coca Cola, Gelato, Grassi animali e vegetali, Ketchup, Vino	Ace Crema Gel, Baysan Crema Più, Cif Gel Liquido, Mastro Lindo Bagno, Mastro Lindo Candeggina, Varechina	Beer, Coffee, Coca Cola, Ice cream, Animal or vegetable fats, Ketchup, Wine	Ace Crema Gel, Baysan Crema Più, Cif Gel Liquido, Meister Proper for Bath-rooms, Meister Proper with Bleach, Bleach
Gomma di pneumatico, Olii di parti meccaniche, Resine, Smalti	Ace Crema Gel, Cif Crema Attiva, Mastro Lindo Candeggina, Scric Ammoniacale, Trielina, Vim Clorex	Tyre tracks, Oil from mechanical parts, Resins, Enamel	Ace Crema Gel, Cif Crema Attiva, Meister Proper with Bleach, Scric Ammoniacale, Trielina, Vim Clorex
Inchiostri, Lampostil/pennarello	Diluente nitro	Ink, Pen marks	Nitro solvent



Possono essere utilizzati tutti i detergenti esistenti sul mercato, alla concentrazione desiderata a esclusione dell'acido FLUORIDRICO (HF) o dei suoi composti, come da norma ISO 10545-14.



Any detergent available in the market can be used in the desired concentration for cleaning, with the exception of HYDROFLUORIC acid (HF) or its compounds, according to ISO 10545-14 standards.

## IDONEITÀ ADESIVI PER LA POSA DI LASTRE **MAXFINE** A BASSO SPESSORE - *SUITABILITY OF LABELS FOR LAYING THIN **MAXFINE** SLABS*

					INTERNO - INDOOR								ESTERNO - OUTDOOR			
PRODOTTO <i>Product</i>	LATTICE <i>Latex</i>	CLASSIFICAZIONE <i>Classification</i>			PAVIMENTO - FLOOR				MURI - WALL				PAVIMENTO - FLOOR		MURI - WALL	
					MASSETTO IN CEMENTO E IN CALCESTRUZZO <i>Cement and concrete screed</i>	MASSETTI IN ANIDRITE <i>Anhydrite screed</i>	MASSETTI RISCALDANTI <i>Heated screed</i>	VECCHIE CERAMICHE, MARMETTE O MATERIALE LAPIDEO <i>Old ceramic tiles, marble-chip floor tiles or stone material</i>	PAVIMENTI IN PVC, LINOLEUM O VINILICI <i>PVC, Linoleum or Vinyl flooring</i>	INTONACO CEMENTIZIO, CALCESTRUZZO <i>Cement plaster, concrete</i>	INTONACO IN GESSO <i>Gypsum plaster</i>	CARTONGESSO PANNELLI IN FIBROCEMENTO <i>Plasterboard, fibre cement panels</i>	VECCHIE CERAMICHE <i>Old ceramic tiles</i>	MASSETTO CEMENTIZIO CALCESTRUZZO <i>Cement and concrete screed</i>	VECCHIE CERAMICHE, MARMETTE O MATERIALE LAPIDEO <i>Old ceramic tiles, marble-chip floor tiles or stone material</i>	INTONACO CEMENTIZIO, CALCESTRUZZO <i>Cement plaster, concrete</i>
					CM <sup>2</sup>				CM <sup>2</sup>				CM <sup>2</sup>		CM <sup>2</sup>	
		EN 12004	EN 12002													
TECHNOS +	TC - LAX	C2	-	S1	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
TECHNOS +	TC LASTIC	C2	-	S2	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
TECHNO - XL	TC - LAX	C2	TE	S1	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
TECHNO - XL	TC LASTIC	C2	T	S2	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
TECHNOLA	TC - LAX	C2	TE	S1	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
TECHNOLA	TC LASTIC	C2	TE	S2	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
TECHNODUE	-	C2	TE	S1	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
TECHNORAP 2	-	C2	FT	S1	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
ALL 9000	-	C2	T	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>
TECHNOSTAR/HD	-	C2	TE	S1	≤ 10000	≤ 10000*	≤ 5000	≤ 5000	-	≤ 10000	≤ 10000*	≤ 5000	-	≤ 5000	-	-
AIR-ONE	-	C2	TE	S1	≤ 10000	≤ 10000*	≤ 5000	≤ 5000	-	≤ 10000	≤ 10000*	≤ 5000	-	≤ 5000	-	-
AIRES	-	C2	TE	S2	≤ 10000	≤ 10000*	≤ 5000	≤ 5000	-	≤ 10000	≤ 10000*	≤ 5000	-	≤ 5000	-	-
TECHNOMAX S1	-	C2	E (G)	S1	≤ 10000	≤ 10000*	≤ 5000	≤ 5000	-	-	-	-	-	≤ 5000	-	-

FORMATI SIZES	SCATOLE X PALETTA BOXES X PALLET	PEZZI X SCATOLA PIECES X BOX	MQ X LASTRA SQM X BOX	MQ X PALETTA SQM X PALLET	KG X PALETTA KG X PALLET
300x150 - 120"x60" <b>6mm</b>	1	12	4,5	54,00	784,78
240x120 - 96"x48" <b>6mm</b>	1	21	2,88	60,48	875,95
150x150 - 60"x60" <b>6mm</b>	1	24	2,25	54,00	784,78
150x75 - 60"x30" <b>6mm</b>	25	2	1,125	56,25	816,43
120x120 - 48"x48" <b>6mm</b>	15	2	1,44	43,2	633,00
100x100 - 40"x40" <b>6mm</b>	20	22	1	40	588,00
75x75 - 30"x30" <b>6mm</b>	36	3	0,562	60,70	880,00
75x37,5 - 30"x15" <b>6mm</b>	36	6	0,281	60,70	880,00

\*DOPO UTILIZZO DI "PRIMER T" After application of "Primer T"

PROPRIETÀ FISICO-CHIMICHE PHYSICAL-CHEMICAL PROPERTIES	TIPO DI PROVA STANDARD OF TEST	VALORE PRESCRITTO REQUIRED VALUE	VALORE MAX/FINE: FMG MAX/FINE VALUE	ASTM STANDARD OF TEST	ASTM INDUSTRY STANDARDS	ASTM FMG RESULTS (as tested by Smith Emery laboratory)	
<b>Dimensioni</b> Sizes	ISO 10545.2	<b>Lunghezza e larghezza</b> Length and width <b>Spessore</b> Thickness <b>Rettilineità spigoli</b> Linearity <b>Ortogonalità</b> Wedging <b>Planarità</b> Warpage	± 0,6% max ± 5% max ± 0,5% max ± 0,6% max ± 0,5% max	± 0,5 mm ± 3% ± 0,5 mm ± 1 mm ± 0,2%	ASTM C-499	Average facial dimension < 1,5% Wedging ±1% - Warpage ±1% of any edge Range of thickness (inch.) < 0,04%	0,15% 0,014% - 0,33% 0,17%
<b>Assorbimento d'acqua</b> Water absorption	ISO 10545.3		≤ 0,5%	≥ 0,06% *	ASTM C-373	Tile shall be impervious	< 0,05%
<b>Resistenza alla flessione</b> Flexion resistance	ISO 10545.4	<b>Modulo di rottura</b> Modulus		≥ 35 N/mm <sup>2</sup>	53 N/mm <sup>2</sup>		
<b>Resistenza all'abrasione profonda</b> Deep abrasion resistance	ISO 10545.6	Volume ≤ 175 mm <sup>3</sup>		≥ 142 mm <sup>3</sup>	ASTM C-501	≥ 100	217
<b>Coefficiente di dilatazione termica lineare</b> Coefficient of linear thermal-expansion	ISO 10545.8		≤ 9x10 <sup>-6</sup> °C <sup>-1</sup>	6 MK <sup>-1</sup>	ASTM C-1028		Meets or exceeds requirements (Please ask for individual test reports)
<b>Resistenza al gelo</b> Frost resistance	ISO 10545.12	<b>Non devono presentare rotture o alterazioni apprezzabili della superficie</b> Must not produce noticeable alteration to surface		<b>Non gelive</b> Frost-proof	ASTM C-1026	No sample must show alterations to surface	Resistant
<b>Resistenza ai prodotti chimici</b> Chemical resistance	ISO 10545.13	<b>Non devono presentare apprezzabili segni d'attacco Chimico</b> Must not produce noticeable signs of chemical attack		<b>Non attaccate</b> Not attacked	ASTM C-650 ASTM C-648	To 10% HCL Acid - No sample must show visible signs of chemical attack to 10% KOH Alkali 250 PSI or greater	Unaffected
<b>Resistenza alle macchie</b> Stain resistance	ISO 10545.14	1 < X < 5		<b>CLASSE 5 - CLASS 5 **</b> <b>Macchie rimosse con acqua corrente calda (senza detergente)</b> Stains removed by hot running water (without detergent)			
<b>Resistenza dei colori alla luce</b> Color resistance to light	DIN 51094	<b>Non devono presentare apprezzabili variazioni di colore</b> Must not produce noticeable colour variation		<b>Campioni inalterati in brillantezza e colore</b> No change in brightness or colour of samples			
<b>Coefficiente di attrito (scivolosità)</b> Friction coefficient (slipperiness)	DIN 51130	<b>Metodo disponibile</b> Test method available		<b>R9</b> <b>Superficie prelevigata</b> Pre-polished surface			
<b>Coefficiente di attrito (scivolosità)</b> Friction coefficient (slipperiness)	BCRA REP CEC 6/81	<b>Attrito soddisfacente</b> Satisfactory friction 0,40 ≤ μ ≤ 0,74		>0,40 <b>Superficie prelevigata</b> Pre-polished surface			
<b>Resistenza al fuoco</b> Fire resistance		96/603/CE		A1			

**PIETRE NATURALI DI FABBRICA A TUTTA MASSA CON LE CARATTERISTICHE TECNICHE DEL PORCELLANATO** FULL-BODY MANUFACTURED NATURAL STONES WITH PORCELAIN TECHNICAL FEATURES

**Classificazione secondo le norme UNI EN 14411 gruppo BIa o ISO 13006 Allegato G gruppo BI a UGL**

Classification in accordance with UNI EN 14411 standards BIa group or ISO 13006 Annex G standards BI a UGL group

**\* I prodotti con assorbimento < 0,5 sono classificati secondo le norme UNI CEN "Fully vitrified tiles" e secondo le norme ASTM "Impervious tiles"**

The products having an absorption < 0,5 are classified according to the UNI CEN standards "Fully vitrified tiles" and according to the ASTM standards "Impervious tiles"

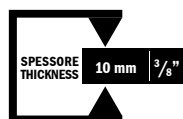
**\*\* Varia secondo la finitura di superficie**  
It can vary according to the surface finish

FMG FABBRICA MARMI E GRANITI® Certificazioni Certifications



conforme à **HQE®**

SQ. : SQUADRATO - SQUARED



120x60 - 48"x24"  
 60x60 - 24"x24"  
 60x30 - 24"x12"  
 60x15 - 24"x6"  
 60x10 - 24"x4"  
 90x45 - 36"x18"  
 90x15 - 36"x6"












**SMOOTH R9 A**

**NATURAL R10 A+B**

**FRAMED R12 A+B+C**

## Pesi e imballi Weights and packing

FORMATI SIZES	PEZZI X SCATOLA PIECES X BOX	KG X MQ KG X SQM	MQ X SCATOLA SQM X BOX	ML X SCATOLA LM X BOX	SCATOLE X PALETTA BOXES X PALLET	MQ X PALETTA SQM X PALLET	KG X PALETTA KG X PALLET
120x60 - 48"x24"	1	26,50	0,72	-	50	36,00	976,00
90x45 - 36"x18"	3	21,90	1,215	-	28	34,02	745,04
60x60 - 24"x24"	3	25,50	1,08	-	32	34,56	881,28
60x30 - 24"x12"	5	25,50	0,90	-	40	36,00	918,00
Listone 90x15 - 36"x6"	4	2,96 PZ	-	-	-	-	-
Listone 60x15 - 24"x6"	4	2,08 PZ	-	-	-	-	-
Listone 60x10 - 24"x4"	4	1,35 PZ	-	-	-	-	-
Plug 30x30 (2x2) - 12"x12" su rete - on net	4	1,72 PZ	-	-	-	-	-
Stick 30x30 - 12"x12" su rete - on net	4	1,72 PZ	-	-	-	-	-
Battiscopa 9x60 - 3"x24"	10	1,35 PZ	-	-	-	-	-
Battiscopa 9x45 - 3"x18"	10	0,85 PZ	-	-	-	-	-
Gradino 30x30 - 12"x12"	4	1,63 PZ	-	-	-	-	-

PROPRIETÀ FISICO-CHIMICHE PHYSICAL-CHEMICAL PROPERTIES	TIPO DI PROVA STANDARD OF TEST	VALORE PRESCRITTO REQUIRED VALUE	VALORE MEDIO FMG FMG MEAN VALUE	ASTM STANDARD OF TEST	ASTM INDUSTRY STANDARDS	ASTM FMG RESULTS (as tested by Smith Emery laboratory)
 <b>Dimensioni</b> Sizes	ISO 10545.2	<b>Lunghezza e larghezza</b> Length and width $\pm 0,6\%$ max <b>Spessore</b> Thickness $\pm 5\%$ max <b>Rettilineità spigoli</b> Linearity $\pm 0,5\%$ max <b>Ortogonalità</b> Wedging $\pm 0,6\%$ max <b>Planarità</b> Warpage $\pm 0,5\%$ max	$\pm 0,2\%$ max $\pm 2\%$ max $\pm 0,2\%$ max $\pm 0,2\%$ max $\pm 0,2\%$ max	ASTM C-499	Average facial dimension < 1,5% Wedging $\pm 1\%$ - Warpage $\pm 1\%$ of any edge Range of thickness (inch.) < 0,04%	0,15% 0,014% - 0,33% 0,17%
 <b>Assorbimento d'acqua</b> Water absorption	ISO 10545.3	$\leq 0,5\%$	0,04% *	ASTM C-373	Tile shall be impervious	< 0,05%
 <b>Resistenza alla flessione</b> Flexion resistance	ISO 10545.4	<b>Modulo di rottura</b> Modulus $\geq 35$ N/mm <sup>2</sup> <b>Carico di rottura</b> Breaking strenght $\geq 1300$ N	55 N/mm <sup>2</sup> (561 Kg/cm <sup>2</sup> ) 2500 N			
 <b>Resistenza all'abrasione profonda</b> Deep abrasion resistance	ISO 10545.6	Volume $\leq 175$ mm <sup>3</sup>	120 mm <sup>3</sup>	ASTM C-501	$\geq 100$	217
 <b>Coefficiente di dilatazione termica lineare</b> Coefficient of linear thermal-expansion	ISO 10545.8	$\leq 9 \times 10^{-6}$ °C <sup>-1</sup>	$6,5 \times 10^{-6}$ °C <sup>-1</sup>	ASTM C-1028		Meets or exceeds requirements (Please ask for individual test reports)
 <b>Resistenza al gelo</b> Frost resistance	ISO 10545.12	<b>Non devono presentare rotture o alterazioni apprezzabili della superficie</b> Must not produce noticeable alteration to surface	<b>Non gelive</b> Frost-proof	ASTM C-1026	No sample must show alterations to surface	Resistant
 <b>Resistenza ai prodotti chimici</b> Chemical resistance	ISO 10545.13	<b>Non devono presentare apprezzabili segni d'attacco Chimico</b> Must not produce noticeable signs of chemical attack	<b>Non attaccate</b> Not attacked	ASTM C-650 ASTM C-648	To 10% HCL Acid - No sample must show visible signs of chemical attack to 10% KOH Alkali 250 PSI or greater	Unaffected
 <b>Resistenza alle macchie</b> Stain resistance	ISO 10545.14	$1 < X < 5$	<b>CLASSE 5 - CLASS 5 **</b> <b>Macchie rimosse con acqua corrente calda (senza detergente)</b> Stains removed by hot running water (without detergent)			
 <b>Resistenza dei colori alla luce</b> Color resistance to light	DIN 51094	<b>Non devono presentare apprezzabili variazioni di colore</b> Must not produce noticeable colour variation	<b>Campioni inalterati in brillantezza e colore</b> No change in brightness or colour of samples			
 <b>Coefficiente di attrito (scivolosità)</b> Friction coefficient (slipperiness)	DIN 51130	<b>Metodo disponibile</b> Test method available	<b>R9</b> <b>Superficie prelevigata</b> Pre-polished surface			
 <b>Coefficiente di attrito (scivolosità)</b> Friction coefficient (slipperiness)	BCRA REP CEC 6/81	<b>Attrito soddisfacente</b> Satisfactory friction $0,40 \leq \mu \leq 0,74$	0,42 - 0,75 **			

**LASTRE INDUSTRIALI A TUTTA MASSA  
IN GRÈS PORCELLANATO TECNICO**  
FULL-BODY INDUSTRIAL SLABS IN TECHNICAL  
PORCELAIN STONEWARE

**Classificazione secondo norme CEN gruppo BI  
EN 176 e ISO 13006 All. G gruppo BI a UGL**  
Classification in accordance with CEN standards BI  
EN 176 and ISO 13006 All. G standards BI a UGL

**\* I prodotti con assorbimento < 0,5 sono  
classificati secondo le norme UNI CEN  
"Fully vitrified tiles" e secondo le norme  
ASTM "Impervious tiles"**  
The products having an absorption < 0,5 are  
classified according to the UNI CEN standards  
"Fully vitrified tiles" and according to the ASTM  
standards "Impervious tiles"

**\*\* Varia secondo la finitura di superficie**  
It can vary according to the surface finish

FMG FABBRICA MARMI E GRANITI® Certificazioni Certifications



conforme a  
**HQE®**

Project:  
FMG MKTG DEPT.  
OMNIADVERT SpA

Printing:  
Arti Grafiche Castello SpA

PC0148 - 05/2014

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## Divisione FMG

Via Ghiarola Nuova, 119 - 41042 Fiorano Modenese (Mo) Italy

tel. +39 0536 862111 fax +39 0536 862452

[www.irisfmg.com](http://www.irisfmg.com)











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