BUREL ARCHITECTURE

MOUNTAIN ORIGINALS

PENHAS DOURADAS
PORTUGAL

3D WOOL STITCHES

AZULEJO (TILES)

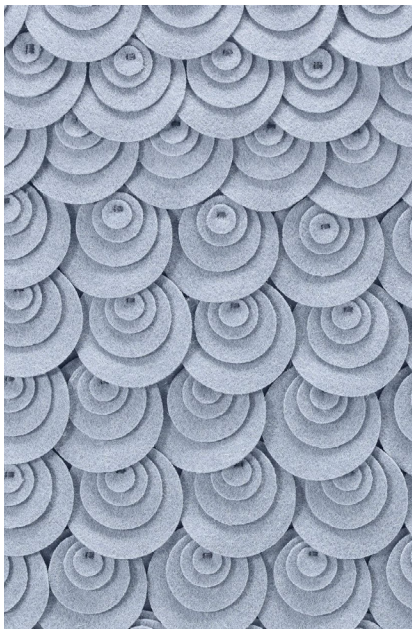
2 or 4 inch tiles

NÓS (KNOTS)

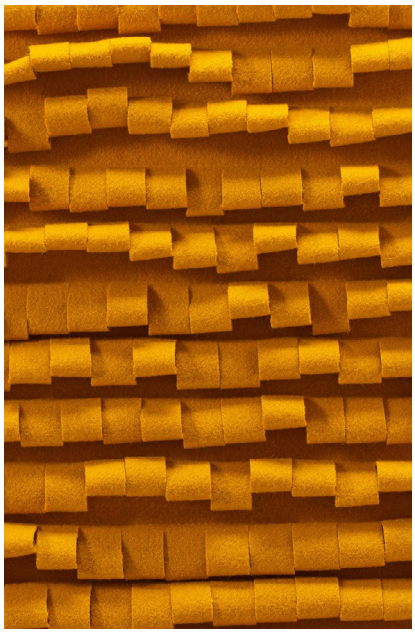
4 or 8 inches

ORIGAMI

2 or 4 inches



OVELHA (SHEEP)



CORTES (CUTS)

single colour or mixed colours

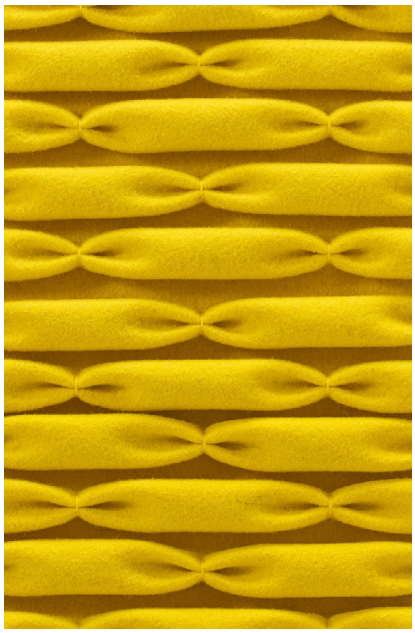
FAVOS (HONEYCOMB)

same or different stitch colour

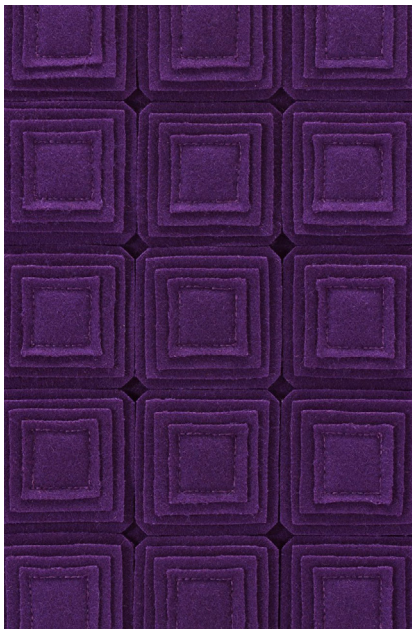
DRAPEADO EM LINHA
(DRAPED LINE)

DRAPEADO EM CRUZ
(DRAPED CROSS)

PREGAS
(PLEATS)



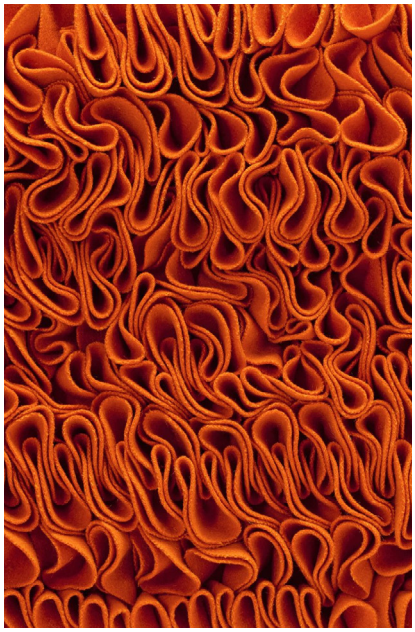
CANAIS (CANALS)



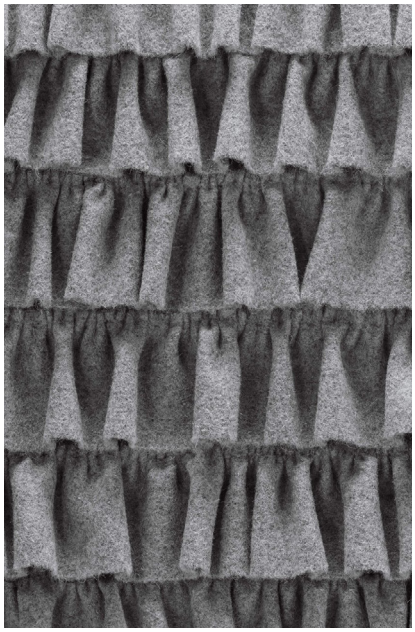
RASAS (SQUARES)

single colour or mixed colours

FOLHAS (LEAVES)



FOLHOS (FRILLS)

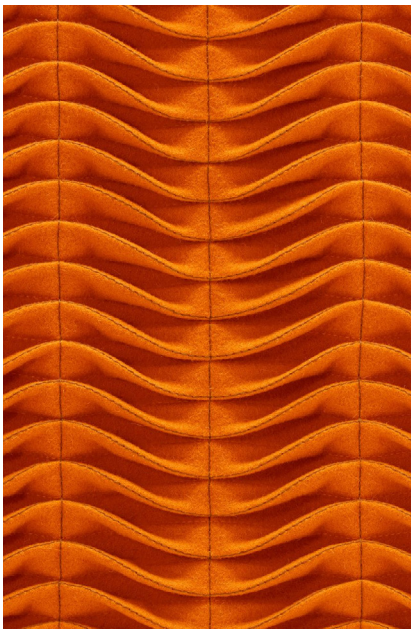


TELHAS (ROOF TILES)

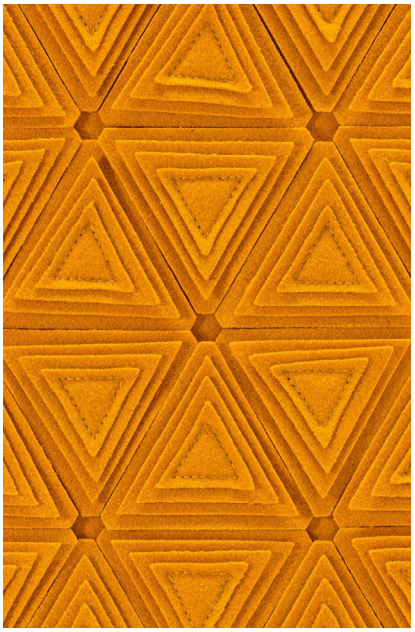
SOLETUS

PRIMAVERA (SPRING)

ROSETA (ROSETTE)



LEIVAS (PLOWED FIELDS)



MEDAS (TRIANGLES)

BLOSSOM

FLORES (FLOWERS)

FRAGAS

FABRIC COLOURS

MERINO WOOL | EXCLUSIVE SOLID COLOURS

carrot

lemon yellow

rose pink

aqua

cinnamon

BORDALEIRA WOOL | MELANGES

light grey 1/3

middle grey 1/5

grey 431C

dark grey 432C

ebony

cherry

mahogany

jasper

rust

gold

amber

carnelian

imperial rose

rose quartz

raisa pink

serenity blue

moonstone

denim

onyx green

tourmaline

bamboo

avocado

moss

BORDALEIRA WOOL | NATURAL COLOURS

pearl

light sarrubeco

sarrubeco

brown

BORDALEIRA WOOL | SOLID COLOURS

warm grey
10C

honey
7504C

camel
7505C

dark aubergine
5115EC

dark yellow
7408C

pumpkin
7413C

orange
1575EC

orange
21

poppy red

red
200C

bordeaux
209C

cerise
215EC

light purple
681EC

dusk pink
5005C

purple
2622EC

aubergine
260C

ice
420

arctic blue
3105EC

lisbon sky blue
7454C

middle blue
295EC

navy
7463C

electric blue
2756C

cobalt blue
274C

turquoise
2935C

sea blue
3405C

teal
4919

bio green
328C

dark green
560C

army green
754C

chlorophyll
496C

lime green
3975C

light green
7495C

neon green
375

canary yellow
3495

lilac
265EC

bluish
654C

violet
2607EC

dark purple
533C

black
EC

TECHNICAL INFORMATION

PROPERTIES AND CHARACTERISTICS

100% Wool | Woven | Boiled | Felted | Fire Resistant
Water Resistant | Anti-Static | Abrasion Resistant
Flexible | Temperature and Acoustic Resistant
Natural (100% Recyclable & Biodegradable)

THERMAL PROPERTIES

Thermal Conductivity: En12667:2001

Thermal Resistance: Iso 8301:1991

Thermal Resistance ($m^2 \cdot °C/W$): 0.51

Conductivity ($W/m \cdot °C$): 0.0476

ABRASION RESISTANCE

Abrasion Resistance (Martindale): En Iso 12947-2:1998 + Ac:2006

Test Conditions: Applied Pressure (Kpa) - 12 I

Conditioned Environment: 20+/-2oc E 65+/-4% H.R.

Cycles Number: No of revolutions greater than 60 000

FIRE PERFORMANCE

Rating: C-S2, D0.

Reaction to fire performance: C

Smoke production classification: S2

Classification in relation to the fall of flaming droplets or particles: D0

BUREL CHEMICAL COMPOSITION

Carbon (C) 50%, Hydrogen (H) 7%, Oxygen (O) 21%, Nitrogen (N) 17%, Sulphur (S) 5%

Wool fibres contain keratin, a sulphur-rich protein. Sulphur is only found in this type of fibre.

LIGHT-FASTNESS

We recommend the same precautions as with other fabrics.

Natural colors (brown, pearl and sarrubeco) do not suffer from colour changes.

PEELING

Rate: 4–5

Washing Programme: Iso 6330:2012, 4m (40°C)

Force Applied: 180

WEIGHT

600 gr per 1m length x 140cm width

800 gr per 1m length x 140cm width

1100 gr per 1m length x 140cm width

MAINTENANCE

Burel Fabrics are easily maintained; the fibre structure repels dirt and allows for fast cleaning and drying.

Burel Fabrics can be machine washed using the wool setting 40°C. Steam ironing using the wool setting.

ACOUSTIC ABSORPTION

Different patterns and applications have different results. All tests conducted with concrete without any space between the fabric and concrete. Usage of fabrics for walls including a panel structure will be vastly superior. Tests with different applications in different patterns are being conducted.

CONTACT

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