

NATURAL STONE FROM NORWAY

NATURAL STONE FROM LUNDHS

Lundhs offers a wide range of natural stone from our quarries in Norway. Our materials make an excellent choice for countertops, tiles, cladding, shop fronts, interior decoration and monuments.

In close cooperation with selected partners around the world, we promote our products to professionals and end users under the Lundhs Real Stone[®] brand. All of our stones are registered trademarks.

Please visit our website www.lundhs.no or contact us for availability, technical or commercial information.

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Lundhs' sales team



Crafted by nature – Refined for living

100 YEARS OF QUARRYING EXPERIENCE

RESPONSIBLE PRODUCER OF NATURAL STONE

Lundhs is the largest producer and distributor of rough blocks in Northern Europe. With more than 100 years of quarrying experience, we aim to ensure stability, reliability and quality for all our customers. We supply a wide range of top-quality stones; Larvikite and Anorthosite. With advanced technology and unique stone resources, we are a competitive and experienced supplier to the stone trade worldwide. Most of our quarries are located in the south of Norway around the city of Larvik. We also have a quarry in Sirevåg on the west coast of Norway.

SUSTAINABILITY

The UN's sustainability goals provide a common direction for sustainable development. We have chosen to highlight two sustainability goals that are particularly relevant to our operations:

Goal 13

Climate action

Goal 12 Sustainable consumption and production

2 RESPONSIBLE CONSUMPTION AND PRODUCTION

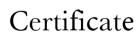


Our commitments

Lundhs is ISO 14001 certified, and all our quarries are established in accordance with approved national regulations and detailed operational plans.

We work continuously to;

- Reduce our environmental impact
- Reduce our energy consumption
- Use the most modern technology and machinery available
- Reach 100% utilization of the stone resources
- Increase awareness on sustainability internally and with partners/suppliers
- · Work for an open and transparent value chain
- Restore quarries back to nature
- · Provide EPD's on all our materials



Environment Management

Lundhs AS

Nedrc Fritzsegate 1, 3255 Larvik and locations as listed in attachment in page 2 are found in accordance with

NS-EN ISO 14001:2015

The certification covers the following activities:

Operation of quarries and production and distribution of natural stone

> Certificate no.: 17-010

Initial certification date: 23.05.2017 Last issued: 23.05.2017 Valid to: 23.05.2020 Annual follow-up







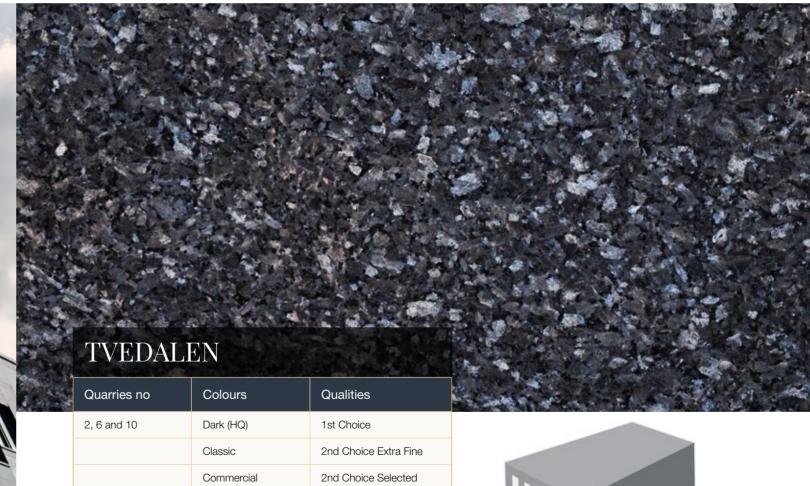
Tvedalen

Larvik, Norway Quarry no 2, 6 and 10



LUNDHS Blue®

Lundhs Blue (formerly known as Blue Pearl), is characterised by its medium-sized blue feldspar crystals. This stone is a perfect choice for countertops, flooring, shop fronts, monuments and facades.



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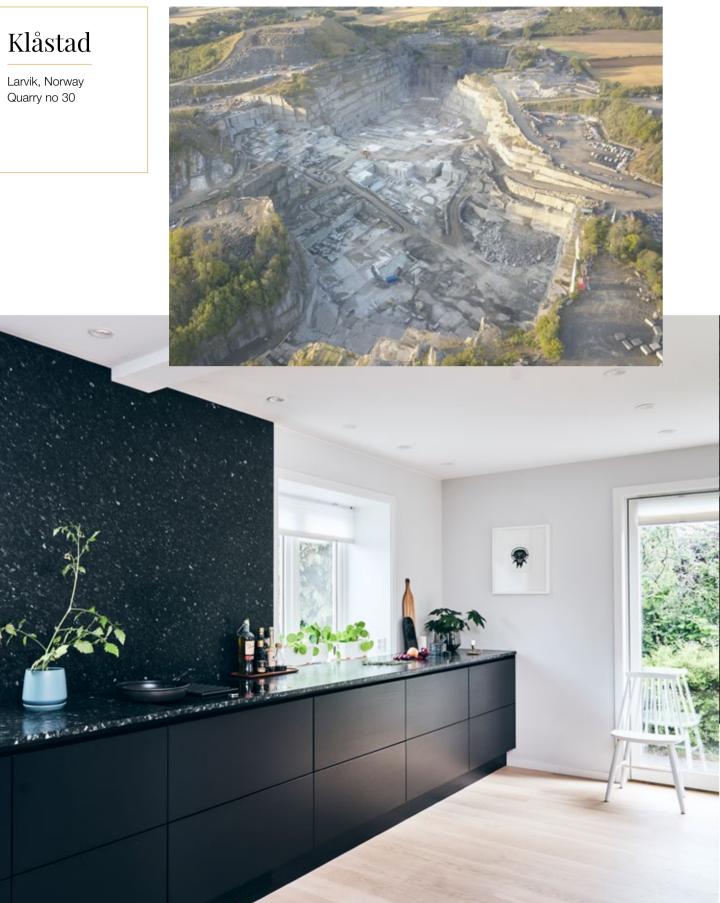
Quarries no	Colours	Qualities
2, 6 and 10	Dark (HQ)	1st Choice
	Classic	2nd Choice Extra Fine
	Commercial	2nd Choice Selected
		2nd Choice
		3rd Choice

Recommended cutting direction is pre-marked in white on each block of stone.

Stone type: Larvikite



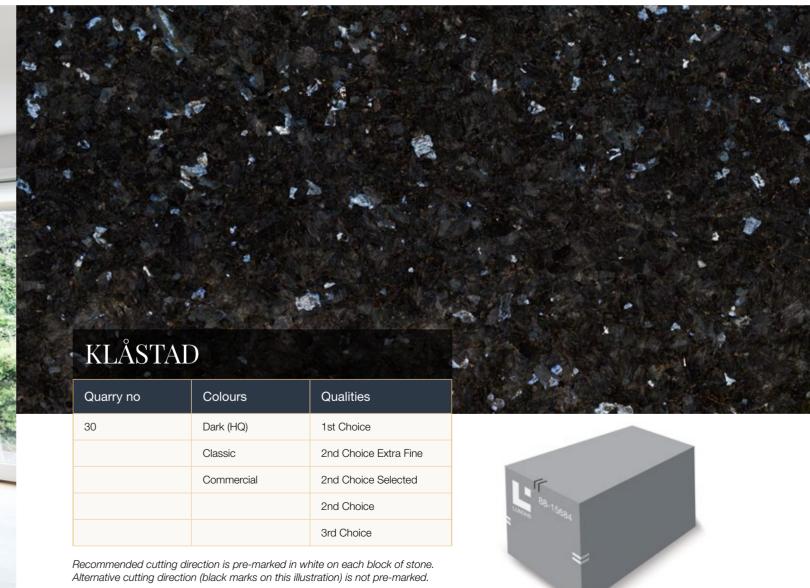
Quarry no 30



LUNDHS Emerald®

Stone type: Larvikite

Lundhs Emerald (formerly known as Emerald Pearl), has a distinct appearance of lustrous blue crystals on a dark background. It is among the world's most popular natural stone for countertops. It is also typically used for interior decoration of floors, walls, and stairs in hotels, banks, exclusive shops, private homes, and airports.



Quarry no	Colours	Qualities
30	Dark (HQ)	1st Choice
	Classic	2nd Choice Extra Fine
	Commercial	2nd Choice Selected
		2nd Choice
		3rd Choice



LUNDHS Marina®

Stone type: Larvikite

Lundhs Marina is characterised by its large steel-blue feldspar crystals. The material is exclusively produced by Lundhs. With a homogenous colour, it is a stone with little limitation regarding areas of use. Popular for interior and exterior decoration as well as monuments.

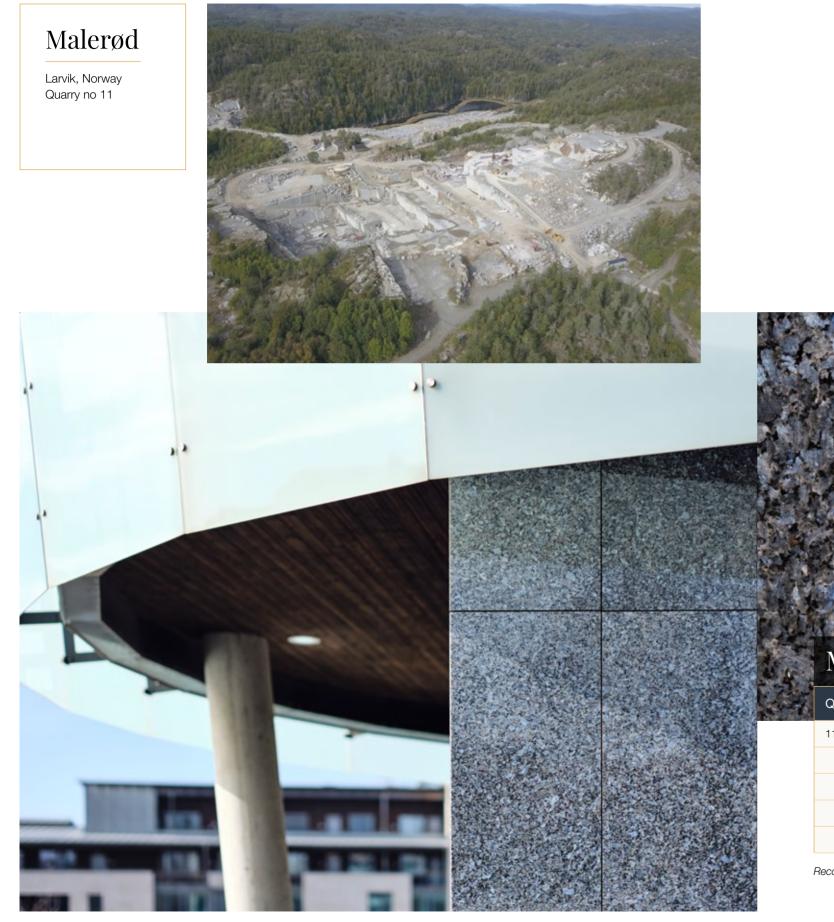
STÅLAKF	R
Quarry no	Qualities
15	1st Choice
	2nd Choice Extra Fine
	2nd Choice Selected

3rd Choice

2nd Choice

Recommended cutting direction is pre-marked in white on each block of stone.

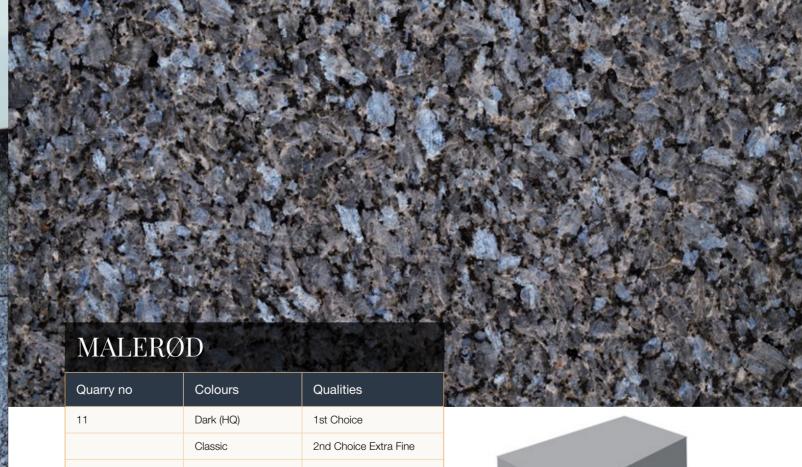




LUNDHS Royal®

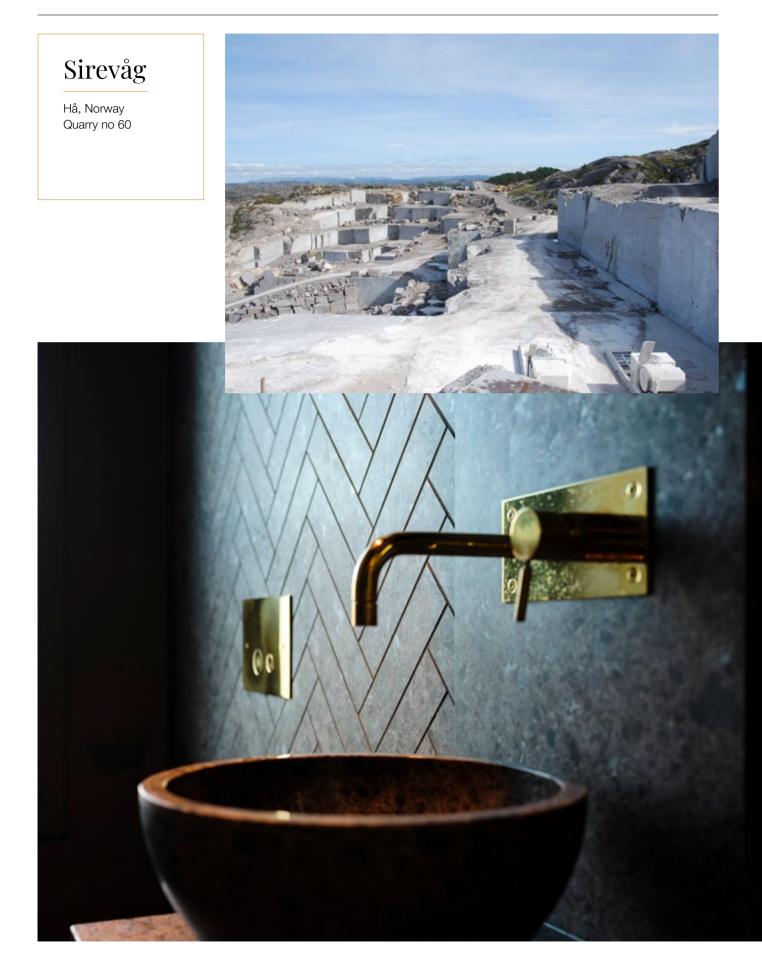
Stone type: Larvikite

Lundhs Royal has large light blue crystals on a grey background. The stone is exclusively produced by Lundhs. Lundhs Royal has many areas of use, and has successfully been used for facade and exterior decoration of high rise buildings.



Quarry no	Colours	Qualities
11	Dark (HQ)	1st Choice
	Classic	2nd Choice Extra Fine
	Commercial	2nd Choice Selected
		2nd Choice
		3rd Choice

Recommended cutting direction is pre-marked in white on each block of stone.



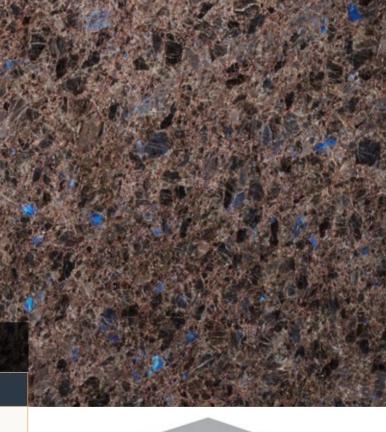
LUNDHS Antique®

Stone type: Anorthosite

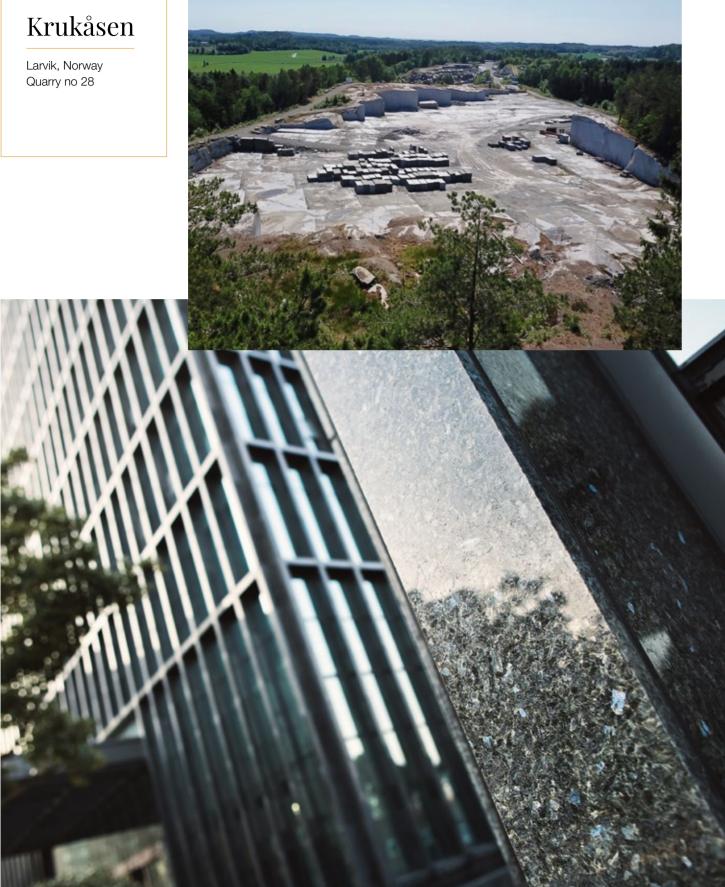
Lundhs Antique (formerly known as Labrador Antique) has a unique compound of clear blue/purple crystals on a brown background. The stone is an excellent choice for counterops, bar-tops and tables. It is also perfect for flooring and interior decorations.

SIREVÅG		
Quarry no	Colours	Qualities
60		HQ
	See Lundhs Antique	2nd Choice Extra Fine
	colour descriptions on p. 21.	2nd Choice
		3rd Choice

Recommended cutting direction is pre-marked in white on each block of stone. Alternative cutting direction (black marks on this illustration) is not pre-marked.







LUNDHS Ocean®

Stone type: Larvikite

Lundhs Ocean has a grey-green background with small bluish feldspar crystals. It is a very homogenous stone with uniform colour and we recommended it for both interior and exterior use. Lundhs Ocean is suitable for fasades, cladding, tiles and interior decorations.

KRUKÅSEN

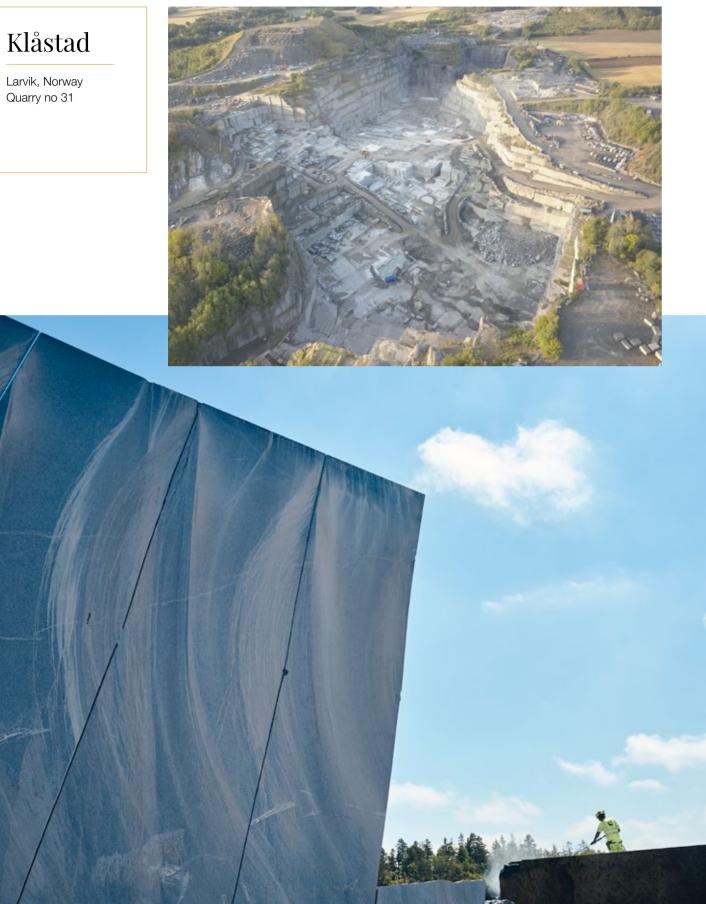
Quarry no	Colours	Qualities
28	Dark (HQ)	1st Choice
	Classic	2nd Choice Extra Fine
	Commercial	2nd Choice Selected
		2nd Choice
		3rd Choice

Recommended cutting direction is pre-marked in white on each block of stone. Alternative cutting direction (black marks on this illustration) is not pre-marked.



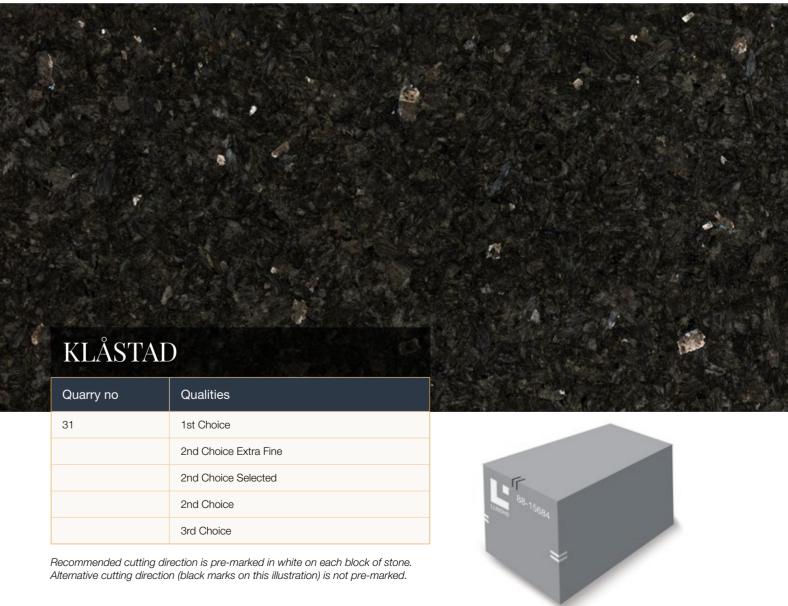


Quarry no 31



LUNDHS Grey[™]

LUNDHS Grey[™] has a grey background with steel grey crystals. This stone is recommended for facades, and has limited availability.



Stone type: Larvikite

Size, quality and colour

On this page you will find a description on how Lundhs classify blocks according to size, quality and colour.

SIZE

The price of a block of stone is determined by size, guality and colour. Lundhs' categorizations of block sizes are from Category 1 to Category 6.

- 1 _ Blocks with length up to 179 cm x free height.
- 2 Blocks with length between 180-239 cm x free height.
- 3 Blocks with length from 240 cm x height below 120 cm.
- 4 _ Blocks with length between 240-269 cm x height from 120 cm.

1st Choice:

- 5 _ Blocks with length from 270 cm x height from 120 cm.
- 6 _ Blocks with length from 280 cm x height from 170 cm.

GENERAL QUALITY LEVELS

The quality classification is an indication of what kind of defects that can be expected. Reclamations will not be accepted on 2nd and 3rd Choice blocks. This classification is used on all our materials except Lundhs Antique. See description on p. 21.





2nd Choice Extra Fine:

A small defect in the cutting direction or across a corner. The drawing of the block is an illustration of a possible defect for this quality.



2nd Choice Selected:

Blocks without any defect.

A minor defect across a corner or a defect on one side of the block. The drawing of the block is an illustration of a possible defect for this quality.

2nd Choice:

One defect across the cutting direction. The drawing of the block is an illustration of a possible defect for this quality.



3rd Choice:

Two defects across the cutting direction. The drawing of the block is an illustration of a possible defect for this quality.

COLOUR

Commercial

It is important to be aware of the difference between colour and quality classification used on our materials.

LUNDHS Blue®	
Dark (HQ)	Dark blue background colour with blue crystals.
Classic	Slightly lighter background colour and less blue appear
Commercial	Lighter bakcground colour compared to Classic, and le
LUNDHS Emerald®	
Dark (HQ)	Dark black background colour, and lustrous blue crysta
Classic	Slightly lighter background colour.
Commercial	Slightly lighter background colour, less blue crystals.
LUNDHS Royal®	
Dark (HQ)	Bright blue crystals and uniform colour.
Classic	Slightly lighter background colour, lighter blue crystals.

LUNDHS Ocean®	
Dark (HQ)	Dark grey-green background with small blueis
Classic	Slightly lighter background colour and less blue
Commercial	Lighter background colour compared to Class
LUNDHS Marina®	
LUNDHS Marina®	No differentation in colour - a very homogeneo
	No differentation in colour - a very homogeneo
	No differentation in colour - a very homogeneo
None	No differentation in colour - a very homogeneo No differentation in colour - a very homogeneo

LUNDHS Antique®	
HQ	Brown background colour with blue, turquoise May contain some black or red/brownish thin
2nd Choice	More black or red/brownish thin veins and bla
3rd Choice	In general as described as for 2nd choice, wit

TECHNICAL DATA

Technical data are available at lundhs.no. If you have further questions about our resources for specifiers please contact your sales representative.

ls. ue appearance. sic, and less coloured crystals. blue crystals. vstals. Lighter background colour compared to Classic, and less coloured crystals. sh crystals. ue appearance. sic, and less coloured crystals. ous material. ous material. se and brown crystals. veins. May contains black spots.

ack spots. Can also have green veins.

ith even more veins and spots.

	A	REAS	OF USE	1	
Areas of use	Popular Materials	Colour	Quality of Material	Category	Comments
Kitchen top	Lundhs Blue Lundhs Emerald Lundhs Royal Lundhs Antique	Dark (HQ) Classic –	1st Choice 2nd Choice Extra Fine 2nd Choice Selected HQ 2nd Choice Extra Fine	3, 4, 5, 6	For kitchen with an "island", category 5 is preferred
Vanity top	Lundhs Blue Lundhs Emerald Lundhs Royal Lundhs Antique	Dark (HQ) Classic –	1st Choice 2nd Choice Extra Fine 2nd Choice Selected HQ 2nd Choice Extra Fine	1, 2	Vanity tops/bathroom tops are typically shorter than kitchen top slabs
Tiles	All materials	All colours	2nd Choice 3rd Choice	All	For tiles, it is easier to utilize more of the blocks even if the block has defects
Facade/shopfronts/ cladding	Lundhs Blue Lundhs Emerald Lundhs Royal Lundhs Ocean Lundhs Grey Lundhs Marina	Dark (HQ) Classic	All	All	Depending on the finishing and panel size
	Lundhs Antique	-			8
Monuments	Lundhs Blue Lundhs Royal Lundhs Emerald Lundhs Marina	Dark (HQ)	1st Choice	1, 2	
Columns/ special applications	Lundhs Ocean Lundhs Emerald Lundhs Antique	Dark (HQ) Classic –	1st Choice 2nd Choice Extra Fine HQ 2nd Choice Extra Fine	All	These materials have multiple cutting directions, hence they are suitable for curved applications like columns since you will get the crystal effect from all sides
LANDM. You can find all over the w	our materials •	The seven star hotel E The Mosque of Brune The summer palace o Galleries Lafayette in	i • H f the Sultan of Oman • Ti	ippodrome in he Thief Hote	·

Lundhs' sales team

We are here to help



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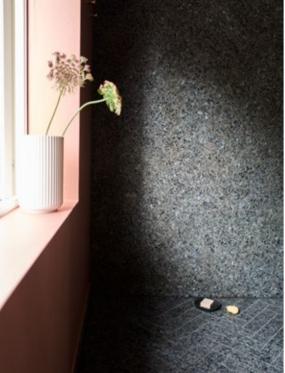
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