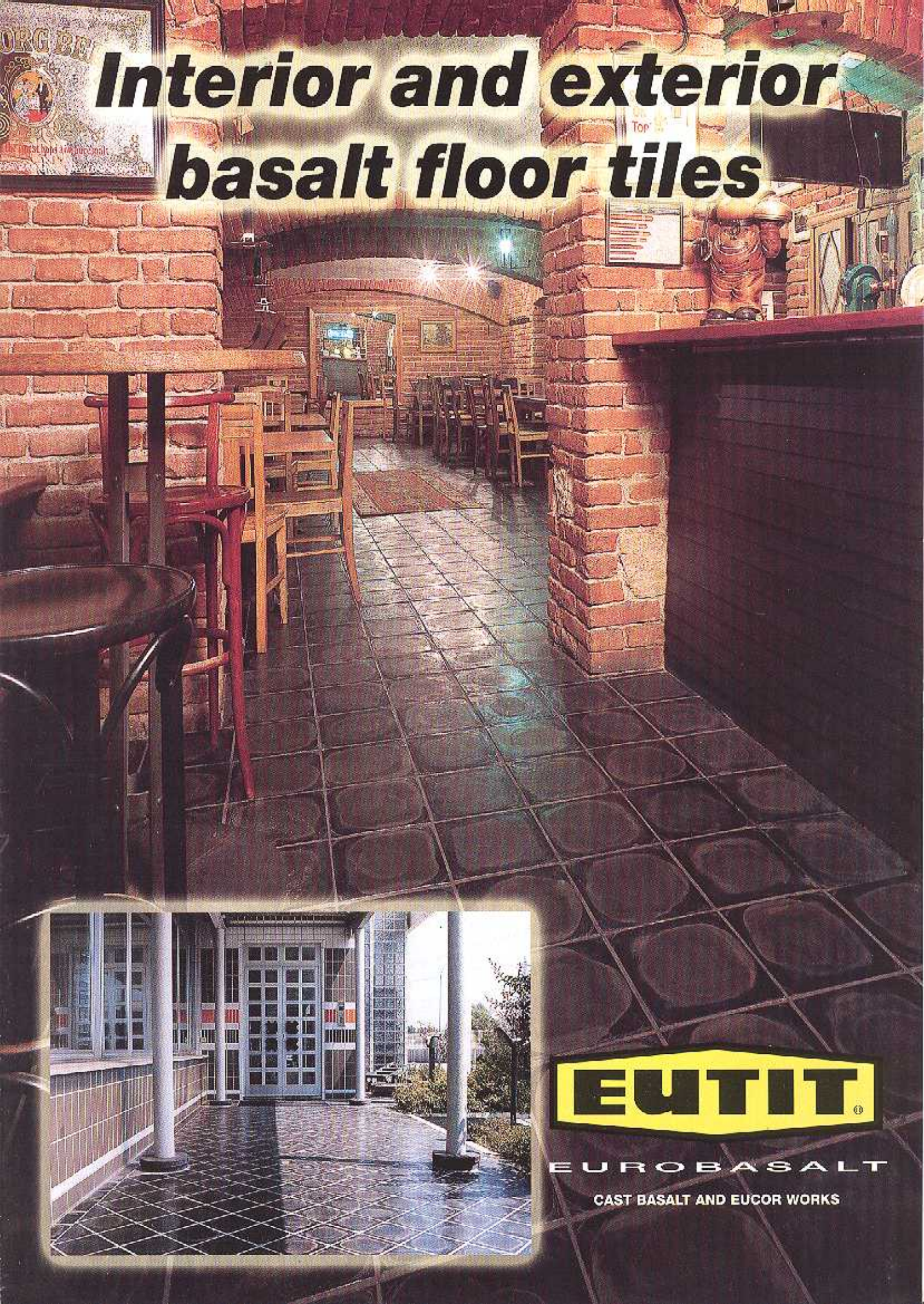


Interior and exterior basalt floor tiles



EUTIT®

EUROBASALT

CAST BASALT AND EUCOR WORKS

INTERIOR TILES

Florentina



Dimension	Weight	m ² /pallet	pcs/m ²
247/172/25	2,20	10	30

Charlotte



Dimension	Weight	m ² /pallet	pcs/m ²
250/25	3,00	10	25

Mava



Dimension	Weight	m ² /pallet	pcs/m ²
132/200/22	2,30	10	28

Plain tiles



Dimension	Weight	m ² /pallet	pcs/m ²
200/200/22 JRI	2,60	16	25
250/250/22 JRI	3,90	16,75	16

Stair-horse tiles



Dimension	Weight	m ² /pallet	pcs/m ²
200/300/30	4,60	168	16

Angular tiles



Dimension	Weight	m ² /pallet	pcs/m
250/90/22/250 JR	5,10	150	4

Hex



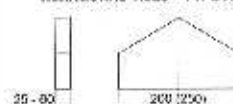
Dimension	Weight	m ² /pallet	pcs/m ²
200/25	2,40	15	29

Hex 1/2A



Dimension	Weight	m ² /pallet	pcs/m ²
see sketch	1,30	10	58

HEXAGONAL TILES - TYPE A

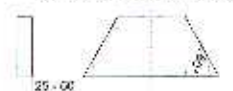


Hex 1/2B



Dimension	Weight	m ² /pallet	pcs/m ²
see sketch	1,30	10	58

HEXAGONAL TILES - TYPE B



Nika



Dimension	Weight	m ² /pallet	pcs/m ²
200/200/25 JR	3,10	14,4	25
250/250/25 JR	4,80	14,1	16



DESIGNATION ACCORDING TO THE ANTISLIP RESISTANCE
Smooth surfaced tiles and JITKA tiles were tested for Antislip resistance in accordance with DIN 51130 and classed to category R 10.

EXTERIOR TILES

Jitka



Dimension	Weight	m ² /pallet	pcs/m ²
197/197/25 R	2,60	14,4	25

Pavla 1



Dimension	Weight	m ² /pallet	pcs/m ²
250/250/30 R	5,00	10	16

Pavla 2



Dimension	Weight	m ² /pallet	pcs/m ²
250/250/30 R	4,80	10	16

Pavla 3



Dimension	Weight	m ² /pallet	pcs/m ²
250/250/30 R	5,00	10	16

Pavla 4



Dimension	Weight	m ² /pallet	pcs/m ²
250/250/30 R	4,80	10	16

Pavla 5



Dimension	Weight	m ² /pallet	pcs/m ²
250/250/30 R	4,80	10	16

Metropan 1



Dimension	Weight	m ² /pallet	pcs/m ²
250/250/30 R	5,30	10	16

Metropan 2



Dimension	Weight	m ² /pallet	pcs/m ²
250/250/30 R	5,20	10	16

Erika

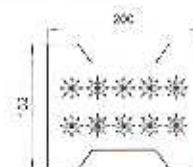


Dimension	Weight	m ² /pallet	pcs/m ²
314/250/40	8,40	8,3	13

Interlock tiles



Dimension	Weight	m ² /pallet	pcs/m ²
200,3/162,3/40	3,40	10	35



LEGEND:

JRI - reverse side fine ribbing (interior tiles)

JR - reverse side fine ribbing

R - reverse side standard ribbing

FLEXIBLE THALES TILES

Thales Alfa right



Dimension	Weight	m ² /pallet	pcs/m ²
see sketch			
Thickness 25 mm	2,50	according to an order and lay- out	
Thickness 40 mm	3,90		

Thales Alfa left



Dimension	Weight	m ² /pallet	pcs/m ²
see sketch			
Thickness 25 mm	2,50	according to an order and lay- out	
Thickness 40 mm	3,90		

Thales Beta right



Dimension	Weight	m ² /pallet	pcs/m ²
see sketch			
Thickness 22 mm	3,80	according to an order and lay- out	

Thales Beta left



Dimension	Weight	m ² /pallet	pcs/m ²
see sketch			
Thickness 22 mm	3,80	according to an order and lay- out	

Thales Gama

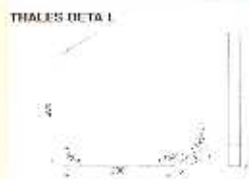
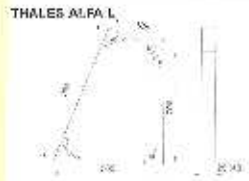


Dimension	Weight	m ² /pallet	pcs/m ²
see sketch			
Thickness 22 mm	3,60	according to an order and lay- out	

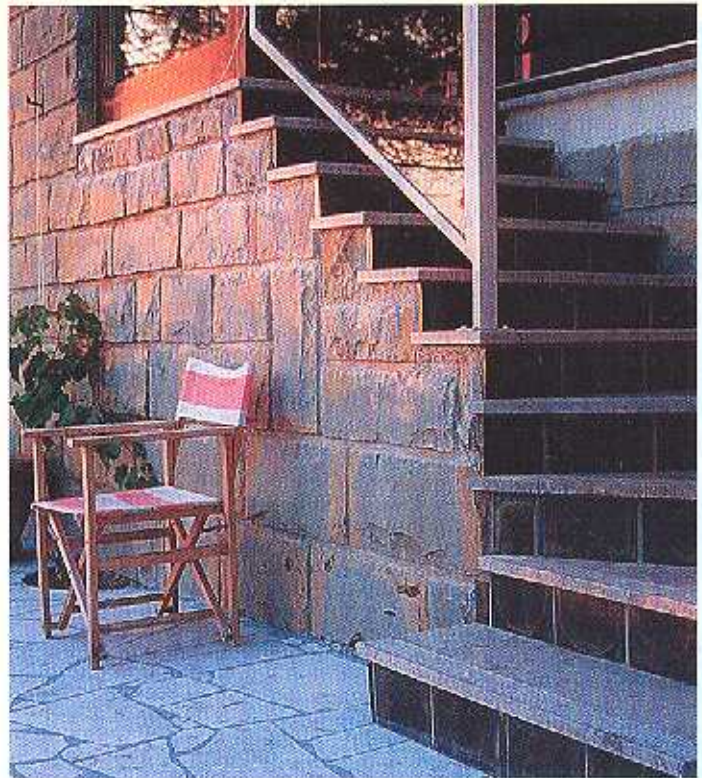
Thales Delta



Dimension	Weight	m ² /pallet	pcs/m ²
see sketch			
Thickness 25 mm	3,50	according to an order and lay- out	
Thickness 40 mm	5,50		



Basalt tiles are packed on the wooden pallets 800 x 1000 mm and Europallets 800 x 1200 mm or in accordance with customers' requirements.



GENERAL - INTRODUCTION

Basalt is one of the hardest natural materials known to man and is renowned worldwide for its longevity. Basalt as a neovolcanic rock is smelted in the gas furnace at a temperature of around 1280°C and then cast into metallic or sand moulds at a temperature of around 1200°C. Achieving uniform crystalline structure, the Basalt is annealed in a furnace for between 16 and 21 hours. With respect to Basalt's physical characteristics, it is ideally suited for Heavy Industry, but since the mid seventies has been also widely used for interior and exterior decorative flooring tiles. For reasons of their natural and rustic look, Basalt floor tiles are used worldwide and predominantly in Europe, U.S.A and the Far East.

MAIN PHYSICAL CHARACTERISTICS

- High compression strength
- High abrasion resistance
- Chemical resistance
- Non-absorptivity
- Frost resistance
- Ecological and hygienic compatibility
- High durability

TECHNICAL DATA (MEAN VALUES)

Item	unit	value	DIN 28062
Mohs hardness	-	8	
Volume mass	kg/m ³	2900 - 3000	2900 - 2900
Compressive strength	MPa	300 - 450	450 - 650
Abracability	cm ³ /50 cm ²	max. 5	4 - 6
Wear resistance	mm ³	110	
Absorptivity	% mass	0	0
Thermal conductivity	W/m · K ⁻¹	1,9 - 2,2	1,0 - 1,2
Thermal shock resistance	°C	100	
Sulphuric acid solubility	% mass	9	
Insulation resistance		10 ¹¹	

Cast basalt is resistant to all organic solvents and acids, even alkaline solutions including inorganic solutions, with the exception of hydrofluoric acid.

APPLICATIONS

As a flooring material in pubs, bars, restaurants, show rooms, car show rooms, department stores, monumental properties, arcades, pavements, winter gardens. Domestic applications include kitchens, patios, halls and lounges.

LAYING THE BASALT FLOOR TILES

Basalt tiles are laid on a thick cementation grout sufficient to compensate for the slight uneven thickness of the natural Basalt tile (± 2 mm) and the uneven nature of the substrate floor or base concrete. On laying it is necessary to ensure no cavities are left under the tile. All joints must be even in width, in line and level.

MAINTENANCE

The basalt tiles surface is dust free, it is easy to keep clean by normal domestic and mechanical cleaning means. The same applies to anti-slip tiles where the anti-slip pattern is designed for easy cleaning. Basalt flooring is resistant to all chemical agents used for domestic and industrial cleaning.





CZECH REPUBLIC
Established in 1951

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