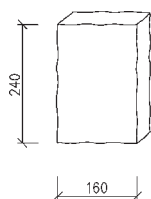
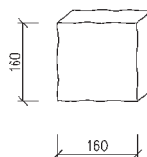


GRANUM®

Tvarovky



granum 16/24



granum 16/16

Farebnosť

Sivá, hnedá, grafitová, okrová.

Povrch

Štandard.

Tabuľka základných údajov

Tvarovka	Rozmery [cm]	Spotreba [ks/m ²]
granum 16/24	16 x 24	26,04
granum 16/16	16 x 16	39,06

Výška: 8 cm

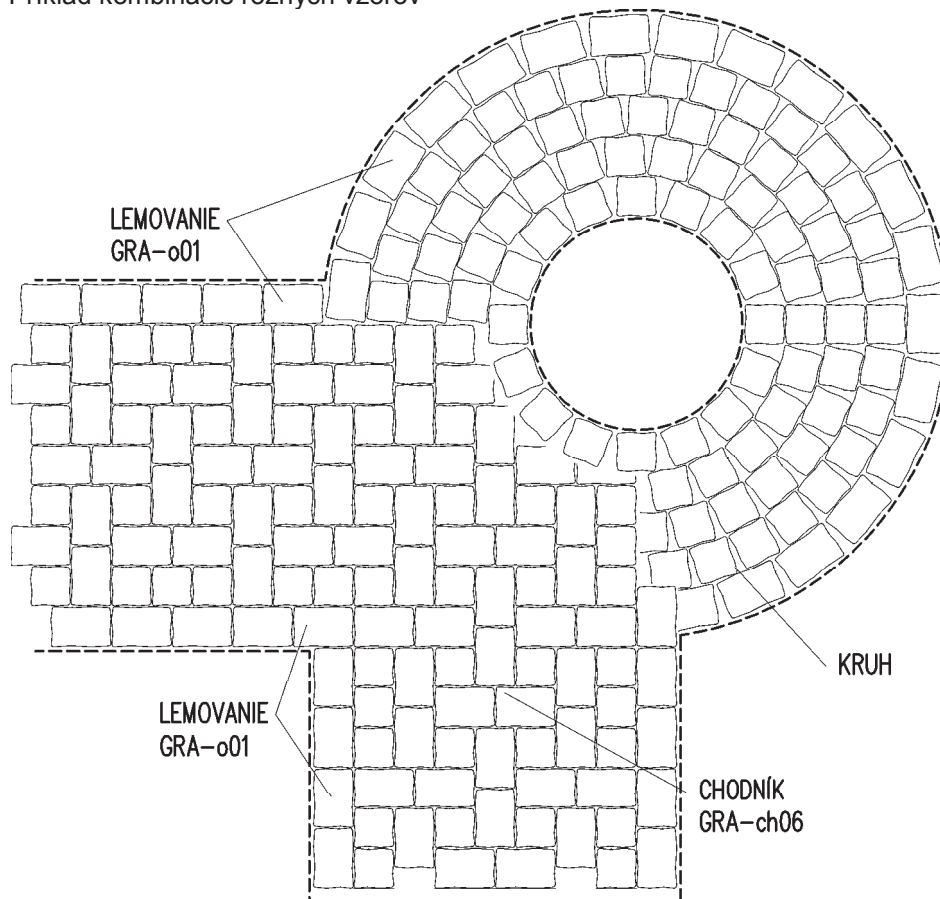
Plošná hmotnosť: 190 kg/m²

Použitie

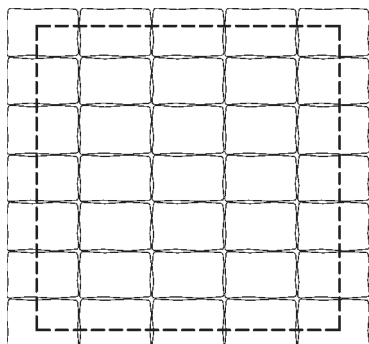
Dlažba GRANUM svojím vzhľadom pripomína nahrubo opracovaný prírodný kameň a hrubá štruktúra hrán a povrchu pôsobí starobylým dojmom. Je ideálna k historickým objektom, ale aj k chalupám a štýlovým rodinným domom.

GRANUM

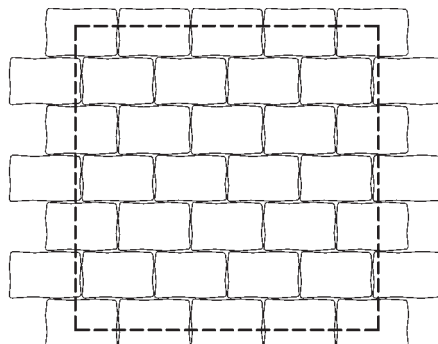
Príklad kombinácie rôznych vzorov



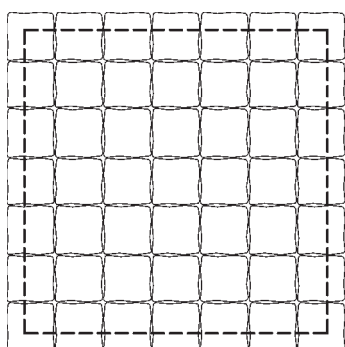
GRA-p01 26,04 ks/m² – granum 16/24



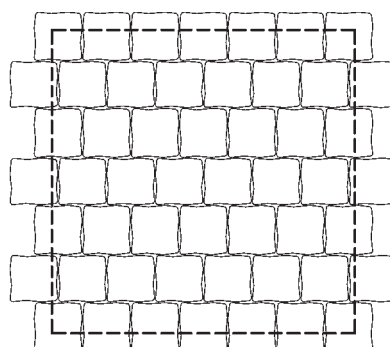
GRA-p02 26,04 ks/m² – granum 16/24



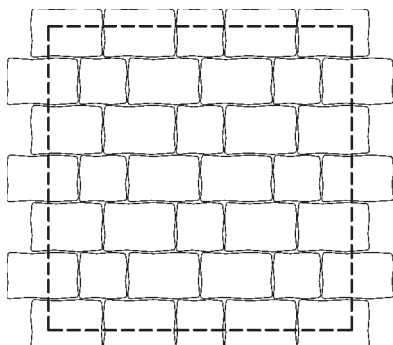
GRA-p03 39,06 ks/m² – granum 16/16



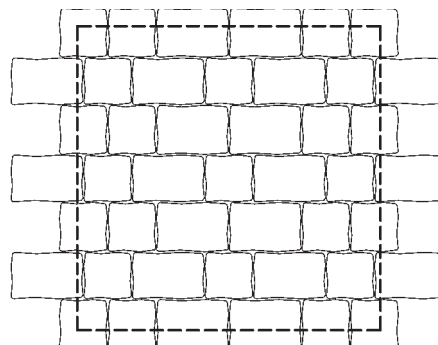
GRA-p04 39,06 ks/m² – granum 16/16



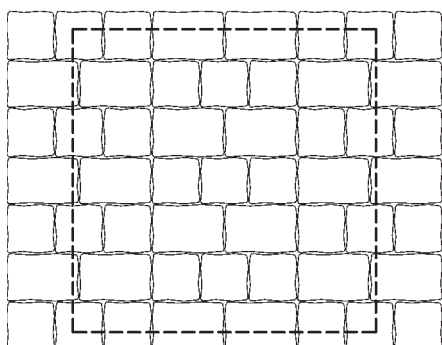
GRA-p05 * 19,53 ks/m² – granum 16/24
9,77 ks/m² – granum 16/16



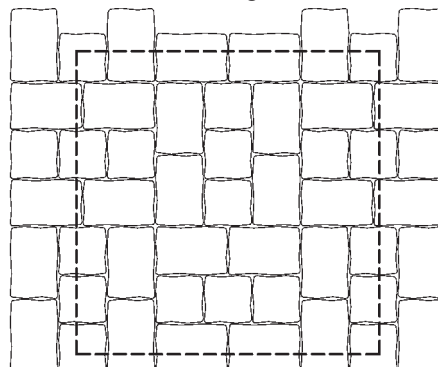
GRA-p06 * 15,63 ks/m² – granum 16/24
15,63 ks/m² – granum 16/16



GRA-p07 * 13,02 ks/m² – granum 16/24
19,53 ks/m² – granum 16/16

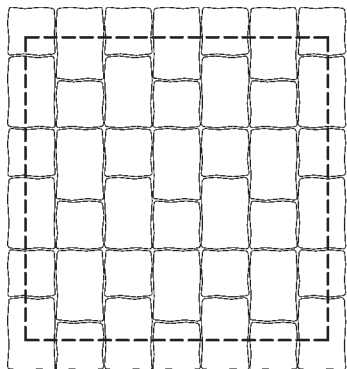


GRA-p08 * 17,36 ks/m² – granum 16/24
13,02 ks/m² – granum 16/16

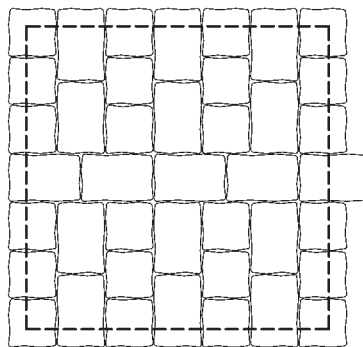


* Poznámka : vzory kombinované z tvárnic 16/16 aj 16/24 odporúčame vzhľadom na polohu dištančných výstupkov ukladať s väčšími špármi.

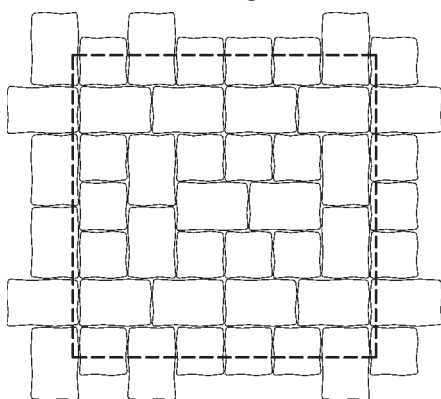
GRA-p09 * 15,63 ks/m² – granum 16/24
 15,63 ks/m² – granum 16/16



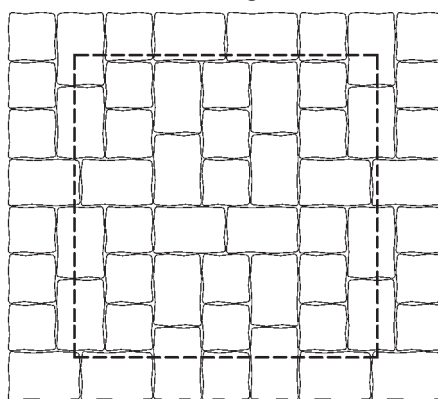
GRA-p10 * 16,28 ks/m² – granum 16/24
 14,65 ks/m² – granum 16/16



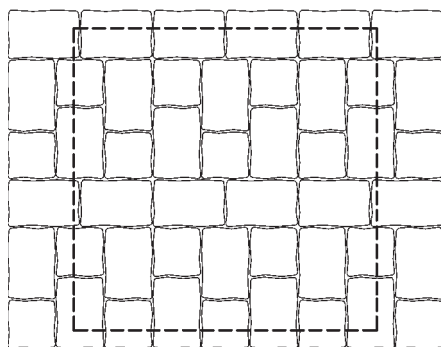
GRA-p11 * 16,28 ks/m² – granum 16/24
 14,65 ks/m² – granum 16/16



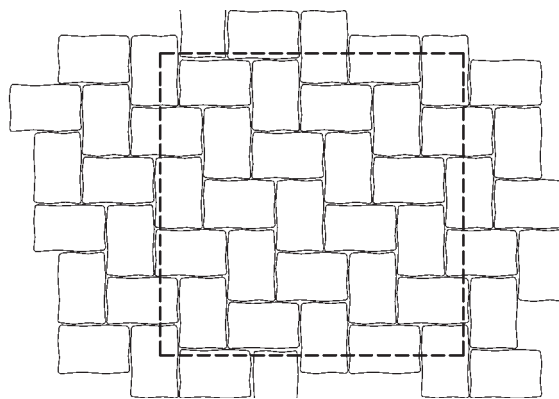
GRA-p12 * 16,28 ks/m² – granum 16/24
 14,65 ks/m² – granum 16/16



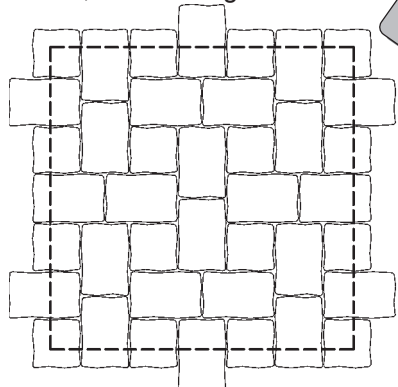
GRA-p13 * 18,60 ks/m² – granum 16/24
 11,16 ks/m² – granum 16/16



GRA-p14 * 26,04 ks/m² – granum 16/24

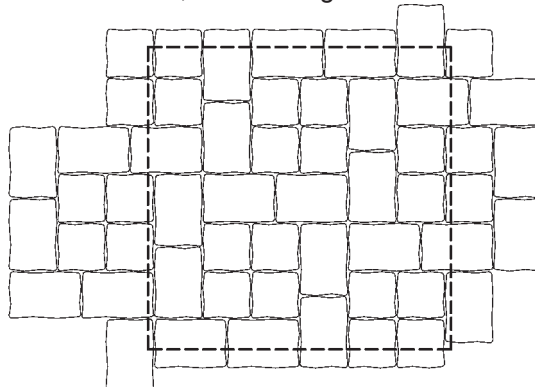


GRA-p15 * 19,53 ks/m² – granum 16/24
 9,77 ks/m² – granum 16/16

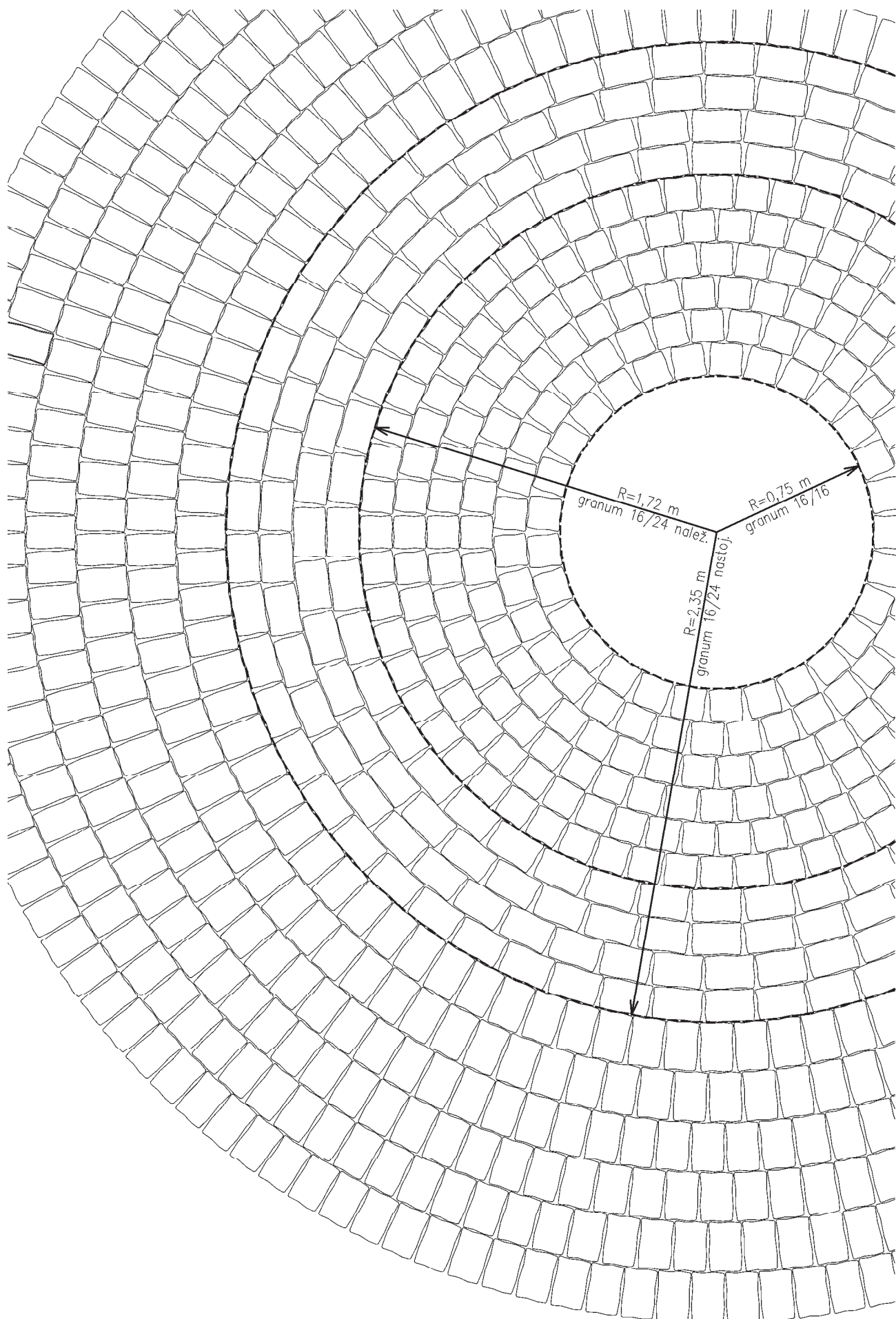


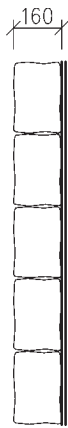
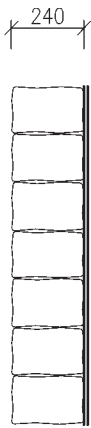
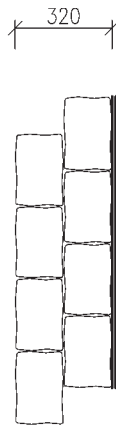
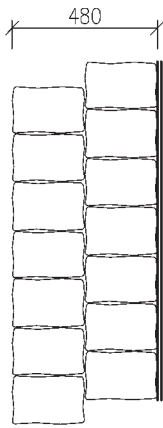
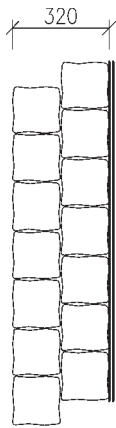
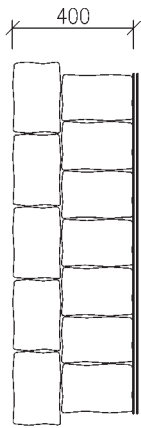
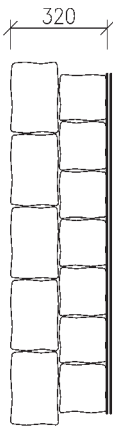
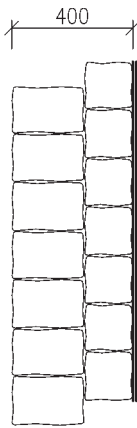
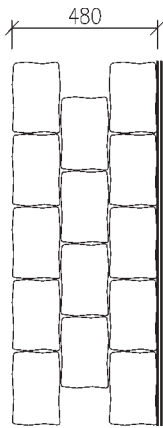
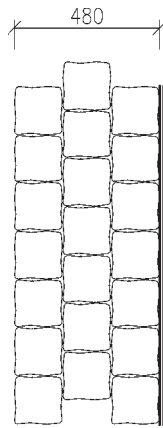
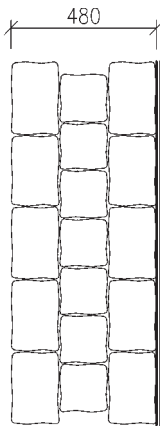
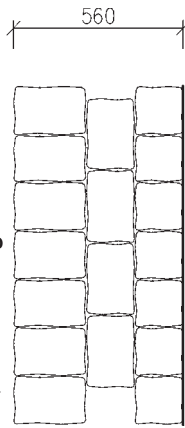
NÁŠ TIP

GRA-p16 * 15,63 ks/m² – granum 16/24
 15,63 ks/m² – granum 16/16



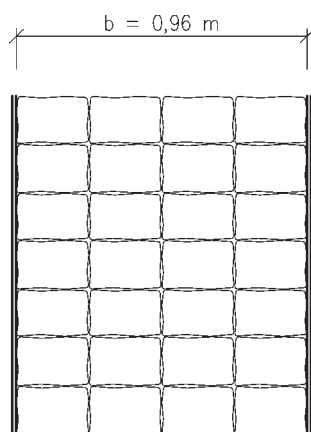
* Poznámka: vzory kombinované z tvárnic 16/16 aj 16/24 odporúčame vzhľadom na polohu dištančných výstupkov ukladať s väčšími špármi.

GRA-k01 Minimálne polomery na použitie jednotlivých tvaroviek

GRA-o01 4,17 ks/bm – granum 16/24 	GRA-o02 6,25 ks/bm – granum 16/24 	GRA-o03 6,25 ks/bm – granum 16/16 	GRA-o04 8,33 ks/bm – granum 16/24 	GRA-o05 12,50 ks/bm – granum 16/24 
GRA-o06 12,50 ks/bm – granum 16/16 	GRA-o07 10,42 ks/bm – granum 16/24 	GRA-o08 4,17 ks/bm – granum 16/24 6,25 ks/bm – granum 16/16 	GRA-o09 6,25 ks/bm – granum 16/24 6,25 ks/bm – granum 16/16 	GRA-o10 12,50 ks/bm – granum 16/24 
GRA-o11 18,75 ks/bm – granum 16/16 	GRA-o12 8,33 ks/bm – granum 16/24 6,25 ks/bm – granum 16/16 	GRA-o13 10,42 ks/bm – granum 16/24 6,25 ks/bm – granum 16/16 		
GRA-o14 6,25 ks/bm – granum 16/24 uložený priečne nastojato a plniaci funkciu obrubníka 	GRA-o15 4,17 ks/bm – granum 16/24 uložený priečne naležato a plniaci funkciu obrubníka 			

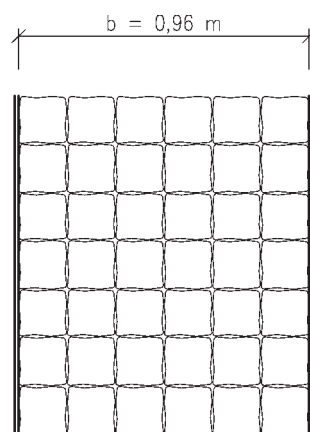
GRA-ch01

b [m]	16/24 [ks/m]
0,72	18,75
0,96	25,00
1,20	31,25
1,44	37,50
1,68	43,75
1,92	50,00
2,16	56,25



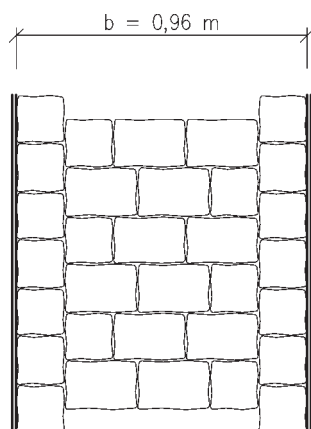
GRA-ch02

b [m]	16/16 [ks/m]
0,64	25,00
0,80	31,25
0,96	37,50
1,12	43,75
1,28	50,00
1,44	56,25
1,60	62,50



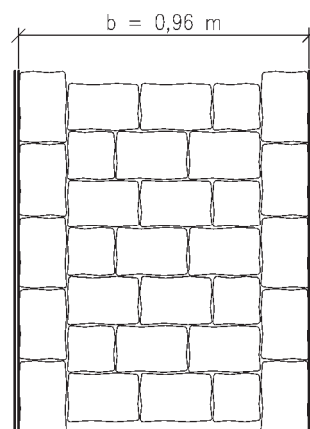
GRA-ch03

b [m]	16/24 [ks/m]	16/16 [ks/m]
0,72	6,25	18,75
0,96	12,50	18,75
1,20	18,75	18,75
1,44	25,00	18,75
1,68	31,25	18,75
1,92	37,50	18,75
2,16	43,75	18,75



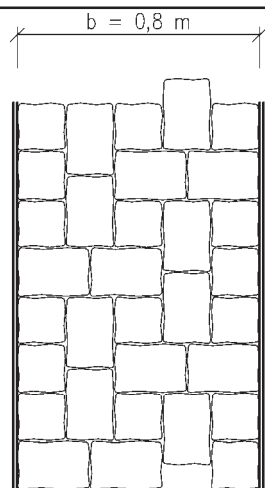
GRA-ch04

b [m]	16/24 [ks/m]	16/16 [ks/m]
0,72	14,58	6,25
0,96	20,83	6,25
1,20	27,08	6,25
1,44	33,33	6,25
1,68	39,58	6,25
1,92	45,83	6,25
2,16	52,08	6,25



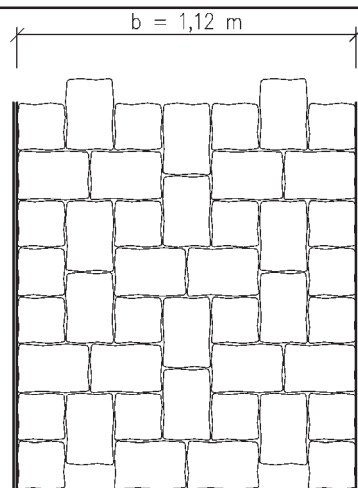
GRA-ch05

b [m]	16/24 [ks/m]	16/16 [ks/m]
0,80	12,50	12,50



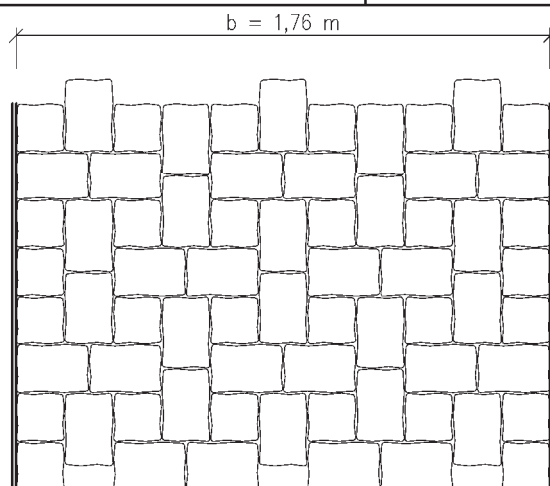
GRA-ch06

b [m]	16/24 [ks/m]	16/16 [ks/m]
1,12	18,75	15,63



GRA-ch07

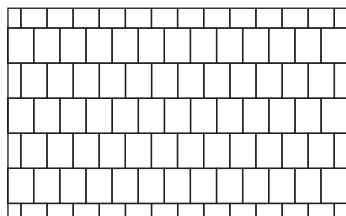
b [m]	16/24 [ks/m]	16/16 [ks/m]
1,76	31,25	21,88



Technické poznámky · Vzory pokládky dlažieb

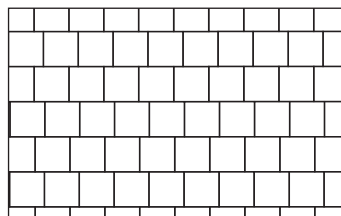
- Granum®
- TerrIntak®

p202



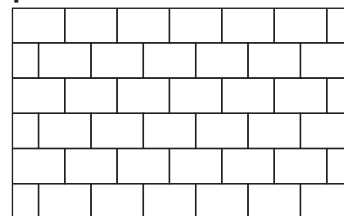
12,3 x 16,5 cm - cca 48 ks/ m²

p203



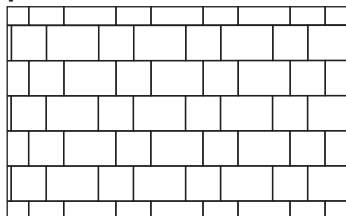
16,5 x 16,5 cm - cca 36 ks/ m²

p204



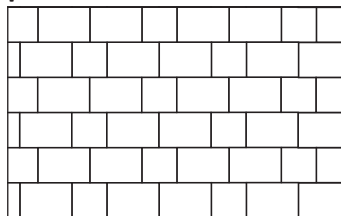
16,5 x 24,7 cm - cca 24 ks/ m²

p205



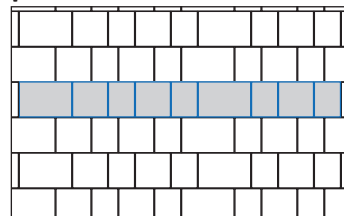
16,5 x 16,5 cm - cca 14,4 ks/ m²
16,5 x 24,7 cm - cca 14,4 ks/ m²

p206



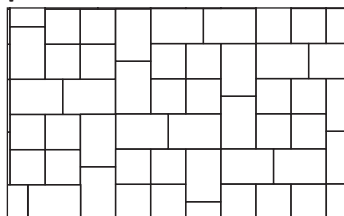
16,5 x 16,5 cm - cca 9 ks/ m²
16,5 x 24,7 cm - cca 18 ks/ m²

p208



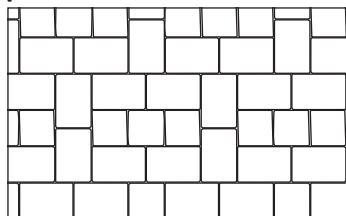
12,3 x 16,5 cm - cca 16 ks/ m²
16,5 x 16,5 cm - cca 12 ks/ m²
16,5 x 24,7 cm - cca 8 ks/ m²

p212



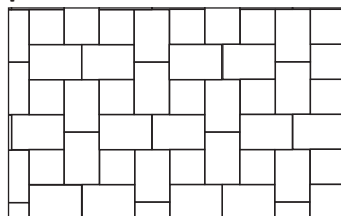
16,5 x 16,5 cm - cca 14,4 ks/ m²
16,5 x 24,7 cm - cca 14,4 ks/ m²

p213



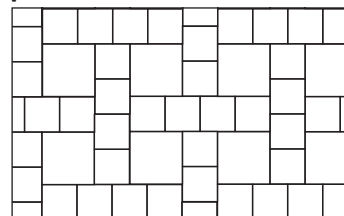
16,5 x 16,5 cm - cca 9 ks/ m²
16,5 x 24,7 cm - cca 18 ks/ m²

p217



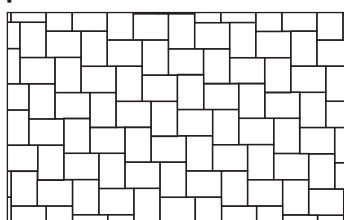
16,5 x 16,5 cm - cca 9 ks/ m²
16,5 x 24,7 cm - cca 18 ks/ m²

p218



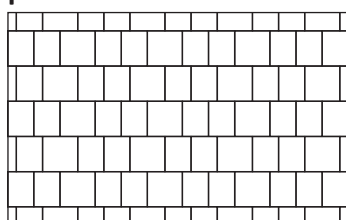
16,5 x 16,5 cm - cca 23 ks/ m²
24,7 x 24,7 cm - cca 5,75 ks/ m²

p219



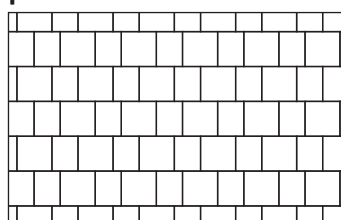
12,3 x 16,5 cm - cca 48 ks/ m²

p223



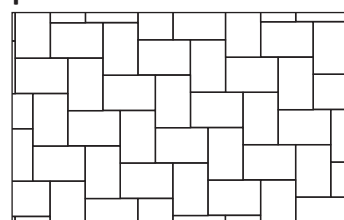
12,3 x 16,5 cm - cca 28,2 ks/ m²
16,5 x 16,5 cm - cca 14,1 ks/ m²

p224



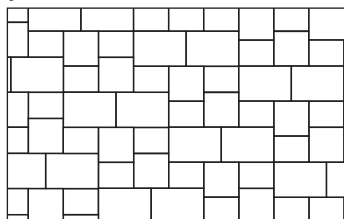
12,3 x 16,5 cm - cca 20,6 ks/ m²
16,5 x 16,5 cm - cca 20,6 ks/ m²

p225



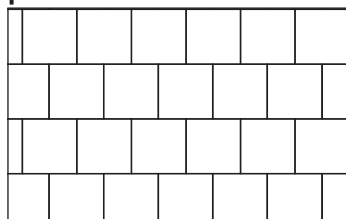
16,5 x 24,7 cm - cca 24 ks/ m²

p226



12,3 x 16,5 cm - cca 15 ks/ m²
16,5 x 16,5 cm - cca 10 ks/ m²
16,5 x 24,7 cm - cca 10 ks/ m²

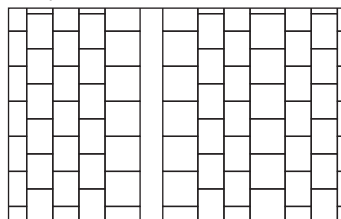
p227



24,7 x 24,7 cm - 16 ks/ m²

p228

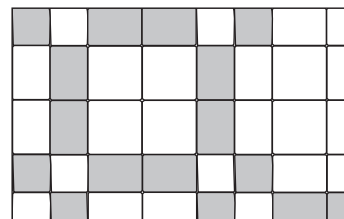
žľaby



12,3 x 16,5 cm
16,5 x 16,5 cm

p230

Klasik

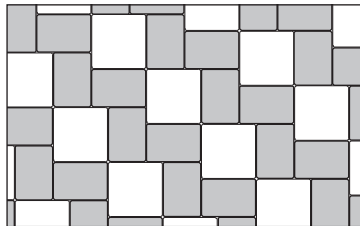


24,7 x 24,7 cm - cca 6 ks/ m²
16,5 x 24,7 cm - cca 12 ks/ m²
16,5 x 16,5 cm - cca 6 ks/ m²

Technické poznámky · Vzory pokládky dlažieb

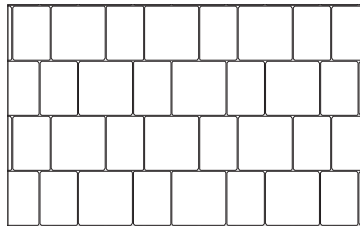
p231

Parketová väzba - kombinovaná Duo



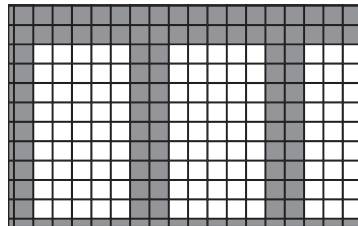
16,5 x 24,7 cm – cca 14,1 ks/ m²
24,7 x 24,7 cm – cca 7,1 ks/ m²

p233



16,5 x 24,7 cm – cca 9,9 ks/ m²
24,7 x 24,7 cm – cca 9,9 ks/ m²

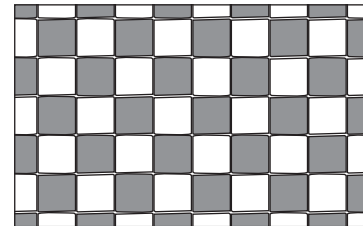
p234



16,5 x 16,5 cm
Farba 1 - cca 15 ks/ m²
Farba 2 - cca 21 ks/ m²

p235

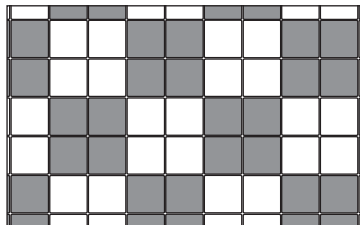
Šachovnica Mono



16,5 x 16,5 cm
Farba 1 - cca 18 ks/ m²
Farba 2 - cca 18 ks/ m²

p236

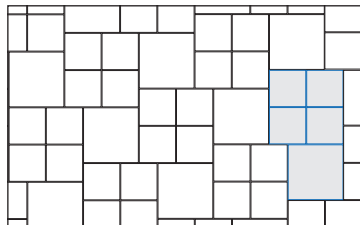
Šachovnica Kombi



16,5 x 16,5 cm
Farba 1 - cca 18 ks/ m²
Farba 2 - cca 18 ks/ m²

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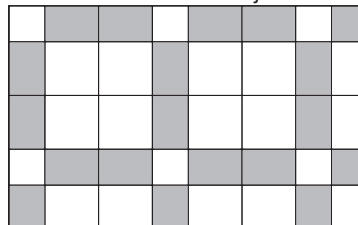
Bloková väzba III



24,7 x 24,7 cm – cca 5,9 ks/ m²
16,5 x 16,5 cm – cca 23,5 ks/ m²

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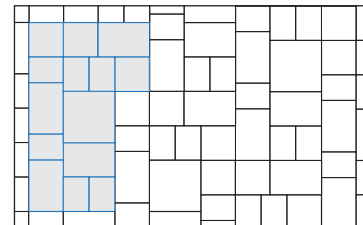
Křížové škárovanie Klasik jednoduchý



24,7 x 24,7 cm - cca 9,2 ks/ m²
16,5 x 24,7 cm - cca 9,2 ks/ m²
16,5 x 16,5 cm - cca 2,3 ks/ m²

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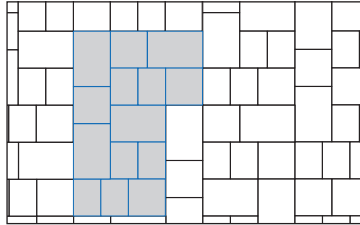
Divoká väzba 2



24,7 x 24,7 cm - cca 2,4 ks/ m²
16,5 x 24,7 cm - cca 9,4 ks/ m²
16,5 x 16,5 cm - cca 7 ks/ m²
12,3 x 16,5 cm - cca 14 ks/ m²

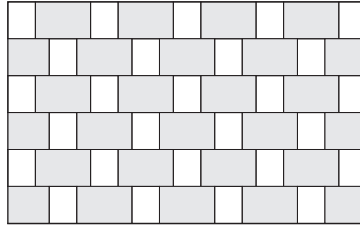
p245

Divoká väzba 3



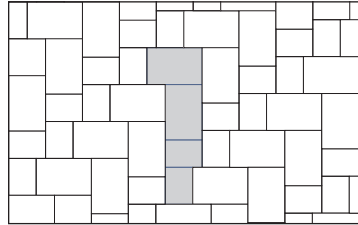
12,3 x 16,5 cm – cca 15,2 ks/ m²
16,5 x 16,5 cm – cca 10,2 ks/ m²
16,5 x 24,7 cm – cca 10,2 ks/ m²

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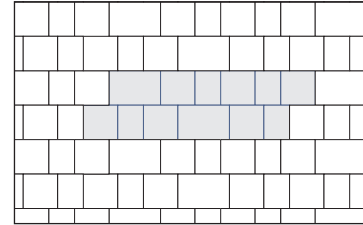
16,5 x 24,7 cm – cca 16,38 ks/ m²
12,3 x 16,5 cm – cca 16,38 ks/ m²

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16,5 x 24,7 cm - cca 16 ks/ m²
12,3 x 16,5 cm - cca 16 ks/ m²

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16,5 x 24,7 cm - cca 6,2 ks/ m²
16,5 x 16,5 cm - cca 18,5 ks/ m²
12,3 x 16,5 cm - cca 12,3 ks/ m²