



Special program for industry and acid construction

Delivery Program 2009/2010

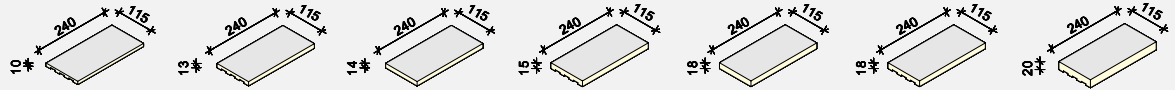


Verra AB
INDUSTRIAL FLOORING SYSTEM

Industry- & acid construction ceramics



Split tiles / extra thick unglazed split tiles



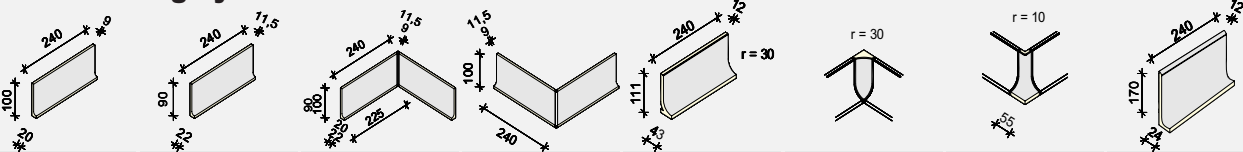
Item no.	1100	1113	1114	1115	1118	1118 S	1120	1122				
coordinating size in mm	250 x 125 x 10 mm	250 x 125 x 13 mm	250 x 125 x 14 mm	250 x 125 x 15 mm	250 x 125 x 18 mm	250 x 125 x 18 mm	250 x 125 x 20 mm	250 x 125 x 20 mm				
work size in mm	240 x 115 x 10 mm	240 x 115 x 13 mm	240 x 115 x 14 mm	240 x 115 x 15 mm	240 x 115 x 18 mm	240 x 115 x 18 mm	240 x 115 x 20 mm	240 x 115 x 20 mm				
description backside short description	split tile with dovetail backside W 210 S	split tile with dovetail backside W 213 S	split tile with thin mortar bed W 214 D	split tile with dovetail backside W 215 S	split tile with thin mortar bed W 218 D	split tile with dovetail backside W 218 S	split tile with dovetail backside W 220 S	split tile with dovetail backside W 222 S				
stress group	V		V		V		V					
standard colour	colour code FC		colour code FC		colour code FC		colour code FC					
Article No.	PG/m ²	Article No.	PG/m ²	Article No.	PG/m ²	Article No.	PG/m ²	Article No.				
grey yellow R 9	690	41 1100 690	842	41 1114 690	850	41 1118 690	861	41 1118 690-S	861	41 1120 690	869	41 1122 690
grey yellow R 11 B/C	691	41 1100 691	844	41 1114 691	852	41 1118 691	863	41 1118 691-S	863	41 1120 691	869	41 1122 691
grey yellow R 13 C	692	41 1100 692	846	41 1114 692	854	41 1118 692	865	41 1118 692-S	865	41 1120 692	869	41 1122 692
grey white R 12 B	693	11 1100 693	844	11 1113 693	850	11 1115 693	858	11 1118 693-S	863	11 1120 693	869	11 1122 693
light grey R 12 B	694	11 1100 694	844	11 1113 694	850	11 1115 694	858	11 1118 694-S	863	11 1120 694	869	11 1122 694
dark grey R 12 B	695	11 1100 695	855	11 1113 695	867	11 1115 695	872	11 1118 695-S	876	upon request		upon request
red uni R 12 B	153	11 1100 153	842	11 1113 153	850	11 1115 153	858	11 1118 153-S	861	11 1120 153	869	11 1122 153
pc/m ²	33	33	33	33	33	33	33	33	33	33	33	33
kg/pc approx	0,60	0,76	0,88	0,90	1,12	1,12	1,20	1,20	1,20	1,20	1,20	1,50
pc per packet	23	16	15	14	12	11/12	12	9	9	9	9	9
pc per pallet	2415	1680	1575	1260	1260	1155/1260	1152	945	945	945	945	945
kg per pallet	1480	1305	1416	1164	1440	1325/1440	1400	149	149	149	149	149
m ² per pallet	73,50	50,91	47,73	38,18	38,18	35,00/38,18	34,91	28,6	28,6	28,6	28,6	28,6

Valid standards / test results General standards and tests EN 14411 group AI₀ extruded stoneware

Dimensions and surface properties		Standard	Test Value	Physical properties		Standard	Test Value	Chemical properties	
Length and width:	Permissible deviation from work sizes in %	± 1,0	fulfilled	Water absorption:	Single value in % (average)	0,5 < E ≤ 3,0	0,6 - 3,0*	Resistance to chemicals - except to hydrofluoric acid for unglazed tiles	
Thickness:	Permissible deviation from work size in %	± 10	fulfilled	Average value in % (max. single value)				for glazed tiles	
Straightness of sides:	Permissible deviation in % referring to the length of the sides	± 0,5	fulfilled	Modulus of rupture:	Single value in N/mm ² (average)	≥ 23	25 - 38*	a) to acids and alkalis	
Rectangularity:	Permissible deviation in % referring to the length of the sides	± 1,0	fulfilled	Average in N/mm ² (smallest single value)		> 18		b) to stains	
Surface flatness: permissible deviation				Frost resistance		required	fulfilled	c) to household chemicals	
a) as centre camber of the diagonal in % calculated from the work size		± 0,5	fulfilled	Resistance to surface abrasion of glazed tiles		class I to IV	acc. to specifications	d) to swimming pools	
b) as side camber in % referring to the corresponding work size		± 0,5	fulfilled	Resistance to abrasion of unglazed tiles/loss of volume in mm ³		max. 275	< 210	Resistance to glaze cracking	
c) as inclined plane in % referring to the diagonal calculated from the work size		± 0,8	fulfilled	Thermal shock resistance		required	fulfilled	Slip resistance	
Surface quality:	accepted tiles in %	at least 95	fulfilled	Thermal coefficient of expansion at ambient temperature of up to 100 °C in K ⁻¹		5 - 13 x 10 ⁻⁶		Industrial areas	

*depending on the colour, please request for the technical information.
The indicated property values are average values. All specifications correspond to the current state of our knowledge, however do not represent the promise of the properties. Subject to technical modifications.

Coved skirting systems*



Item no.	4000	4011	4002	4007	4001	4600	4700	4016							
work size in mm	240 x 100 x 9/20	240 x 90 x 11,5/22	240 x 100 x 9	240 x 100 x 9	240 x 111 x 12/43	r30 x 10	55 x 55 x 10 x r10	240 x 170 x 12/24							
description short description	coved skirting tile K 1	coved skirting tile K 11	internal corner (2 pcs.) K 6	external corner (2 pcs.) K 7	large coved skirting tile K 100	internal corner K 160	external corner K 170	extra large coved Skirting tile K XL							
standard colour	colour code FC		colour code FC		colour code FC		colour code FC								
Article No.	PG/pc	Article No.	PG/pc	Article No.	PG/corner	Article No.	PG/corner	Article No.							
grey yellow	690	66 4000 690	803	66 4002 690	830	66 4007 690	830	66 4001 690	806	66 4600 690	840	66 4700 690	840	66 4016 690	823
grey yellow R 11 B/C	691														
grey white R 12 B	693		14 4011 693	805	14 4002 693	835	14 4007 693	835					14 4016 693	823	
light grey R 12 B	694		14 4011 694	808	14 4002 694	838	14 4007 694	838							
dark grey R 12 B	695		14 4011 695	803	14 4002 695	830	14 4007 695	830							
red uni R 12 B	153		14 4011 153	803	14 4002 153	830	14 4007 153	830							
pc/m incl. joint	4	4						4					4		
kg/pc approx	0,51	0,58	1,06	1,31	0,86	0,17	1,31	1,06					1,06		
pc per packet	20	20	10 Paar	10 Paar	11			20					20		
pc per pallet	1400	1400	1440	1440	770			960					960		
kg per pallet	735	841	775	943	688			1042					1042		
m per pallet	350	350			192,5			240					240		

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Extract from the reference list

Belgium
Citrique Belge, Tienen - Lebensmittel

Germany
Aventis - Chemie
BASF - Chemie
Bayer - Chemie

Rasselstein - Metallverarbeitung

Bosch - PKW-Teststrecke
Porsche - PKW-Teststrecke
VW - PKW-Teststrecke
Audi - PKW-Teststrecke

México
Corona - Brewery

The Netherlands
Metrobahnhöfe, Rotterdam

Italy
Enel - Energieversorger
Bracco - Chemie
Dibra - Chemie
SIAE - Petro-Chemie
Barilla - Lebensmittel
Banificio Laforese - Lebensmittel
Coca Cola - Udine
Coca Cola - Milano

Spain
Coca Cola, Sevilla (Getränke)
Heineken, Madrid (Getränke)
Schwepps, Barcelona (Getränke)
Asturiana de Zinc (Metall)
Atlantlc Copper (Metall)
Industrias Duero (Metall)
Tiger Foods, Avila (Lebensmittel)

Greece
Coca-Cola - Thessaloniki, Athen, Kreta
IKEA, Athen
Mercedes, Athen
Jemen
Coca Cola



Other product sections



Ceramics for living for highest demands



Slip resistance for all areas



Ceramics for modern facade design



Swimming pool ceramics world wide

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