

THERMO**KRON**[®]

KRONBERGER[®]
GRUP

CATALOG TEHNIC DE PRODUSE THERMOKRON



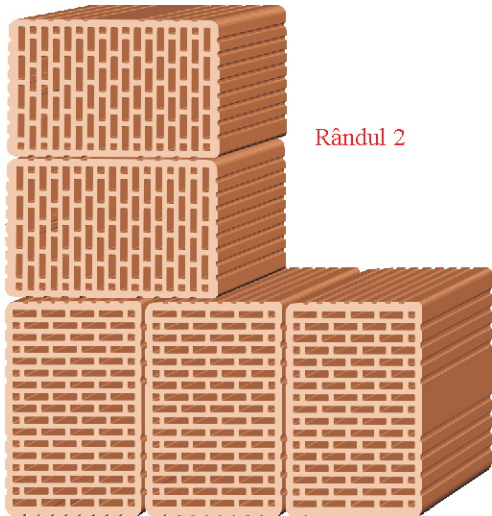
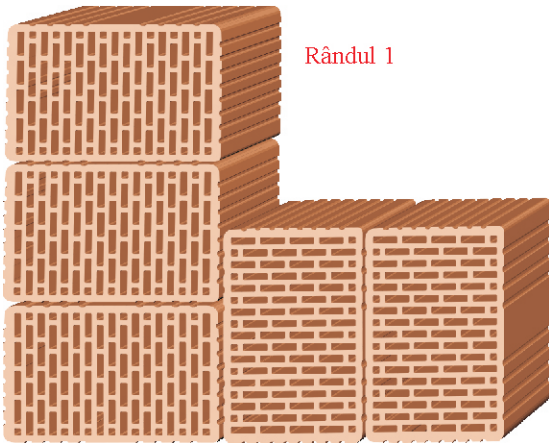
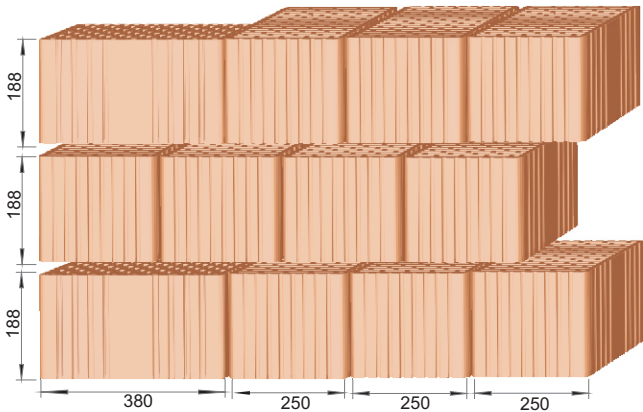
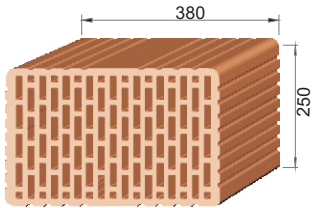
Sigur **K**onstruiești cu noi !

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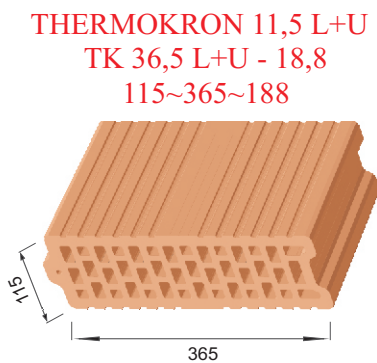
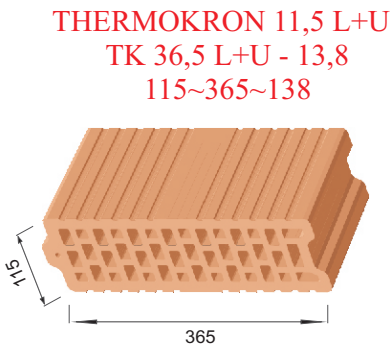
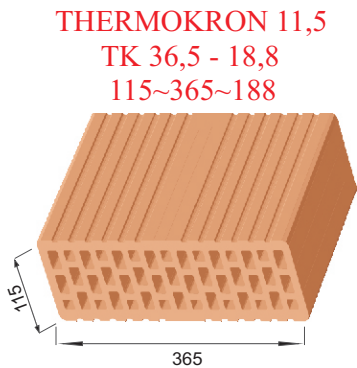
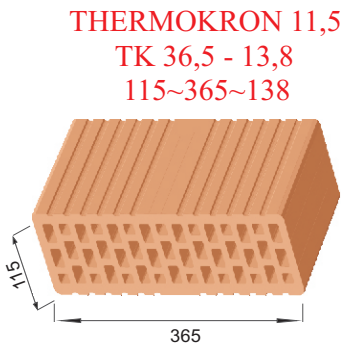
PERETE EXTERIOR PORTANT - zid 38 cm

Crt.	DENUMIRE CARACTERISTICĂ	UM	PRODUS
			THERMOKRON 38 TK 25 -18.8 valoare
1	Dimensiuni -lungime	mm	250
	-lățime	mm	380
	-înălțime	mm	188
2	Masa medie	Kg	18,1
3	Absorbție apa	%	8-20
4	Densitate aparentă	Kg/mc	1100
5	Volum net	dm	9,949
6	Procent goluri	% ³	43,9
7	Rezist. la compresiune pe verticală	N/mm	min. 10,0
8	Rezist. la compresiune pe orizontală	N/mm²	min. 2,0
9	Rezist. la îngheț-dezgheț	Clasa ²	F 1
10	Săruri solubile active (SO)	%	0,17
11	Permeabilitatea la vapori de apă		<5/10
12	Conductivitate termica echiv. μ	W/m°K	0,23
13	Rezistența termică R λ_{echiv}	m²°K/w	1,82
14	Reacția la foc (% Euroclasa)	%	1,0 A1
15	Rezist. medie inițială la forfecare-f _{vo}	N/mm²	0,27
16	Nr. buc /m³ de zidărie tencuită	buc.	66

THERMOKRON 38
TK 25 - 18.8
250*380*188



PERETE INTERIOR (DE COMPARTIMENTARE)



			PRODUS			
			THERMOKRON 36,5 TK 11,5- 13,8	THERMOKRON 36,5 TK 11,5- 18,8	THERMOKRON 36,5 L+U TK 11,5L+U - 13,8	THERMOKRON 36,5 L+U TK 11,5L+U - 18,8
Crt.	DENUMIRE CARACTERISTICA	UM	valoare	valoare	valoare	
1	Dimensiuni -lungime L	mm	365	365	365	365
	-latime l	mm	115	115	115	115
	-inaltime H	mm	138	188	138	188
2	Masa medie	Kg	6,73	8,82 9,12	6,57	8,96
3	Absorbtie apa	%	8-20	8-20	8-20	8-20
4	Densitate aparenta	Kg/m³	980	980	980	980
5	Volum net	dm³	3,53-3,64	4,82-4,97	3,59-3,71	4,9-5,05
6	Procent goluri	%	35,8-37	35,8-37	34,8-36	35,8-37
7	Rezist. la compresiune pe verticala	N/mm²	min. 10,0	min. 10,0	min. 10,0	min. 10,0
8	Rezist. la compresiune pe orizontala	N/mm²	min. 2,0	min. 2,0	min. 2,0	min. 2,0
9	Rezist. la inghet-dezghet	Clasa	F 1	F 1	F 1	F 1
10	Saruri solubile active (SO)	%	0,17	0,17	0,17	0,17
11	Permeabilitatea la vapori de apa μ		5/10	5/10	5/10	5/10
12	Conductivitate termica echiv. λechiv	W/m°K	0,33	0,33	0,33	0,33
13	Rezistenta termica R	m²°K/w	0,35	0,35	0,35	0,35
14	Reactia la foc (% Euroclasa)	%	1,0 A1	1,0 A1	1,0 A1	1,0 A1
15	Rezist. medie initiala la forfecare- fvo	N/mm²	0,25	0,25	0,25	0,25
16	Nr. buc /m³ de zidarie tencuita	buc.	142	107	146	110

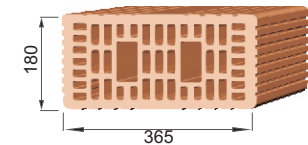
Valoare pentru produsul fabricat de S.C. MURESENI S.A.

Valoare pentru produsul fabricat de S.C. SASTUC S.A.

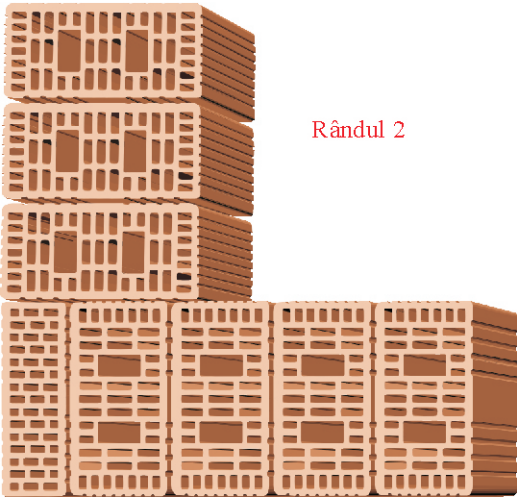
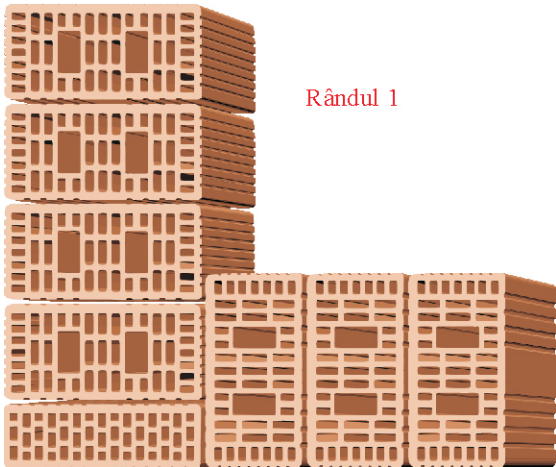
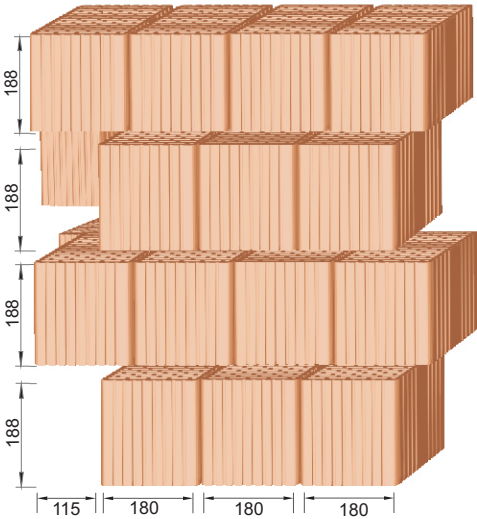
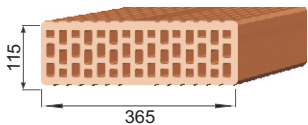
PERETE EXTERIOR PORTANT - zid 36,5 cm

Crt.	DENUMIRE CARACTERISTICA	UM	PRODUS	
			THERMOKRON 36,5 TK 18-18,8	THERMOKRON 36,5 TK 11,5-18,8
			valoare	valoare
1	Dimensiuni -lungime	mm	180	115
	-latime	mm	365	365
	-inaltime	mm	188	188
2	Masa medie	Kg	14,5	8,8
3	Absorbtie apa	%	8-20	8-20
4	Densitate aparenta	Kg/m³	1200	980
5	Volum net	dm³	7,90-8,15	4,82-4,97
6	Procent goluri	%	31,7-34	35,8-37
7	Rezist. la compresiune pe verticala	N/mm²	min. 10,0	min. 10,0
8	Rezist. la compresiune pe orizontala	N/mm²	min. 2,0	min. 2,0
9	Rezist. la inghet-dezghet	Clasa	F 1	F 1
10	Saruri solubile active (SO)	%	0,17	0,17
11	Permeabilitatea la vapori de apa μ		5/10	5/10
12	Conductivitate termica echiv. λechiv	W/m°K	0,41	0,33
13	Rezistenta termica R	m²°K/w	0,89	0,35
14	Reactia la foc (% Euroclasa)	%	1,0 A1	1,0 A1
15	Rezist. medie initiala la forfecare-f _{vo}	N/mm²	0,38	0,25
16	Nr. buc /m³ de zidarie tencuita	buc.	70	107

THERMOKRON 36,5
TK 18 - 18,8
180~365~188



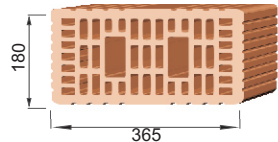
THERMOKRON 36,5
TK 11,5 - 18,8
115~365~188



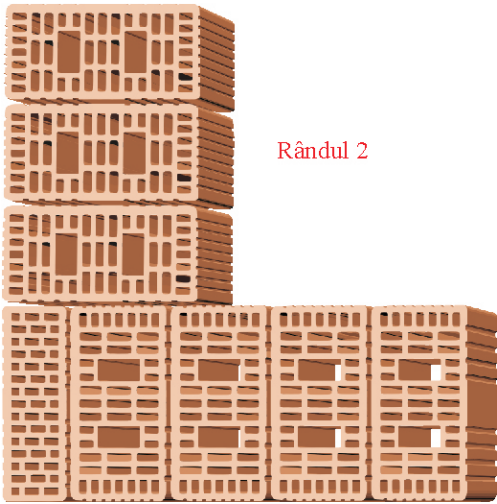
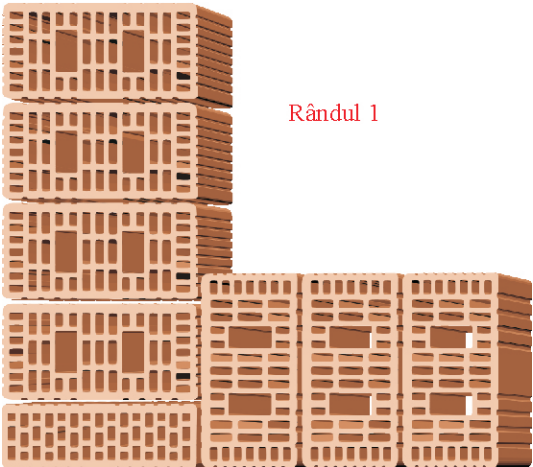
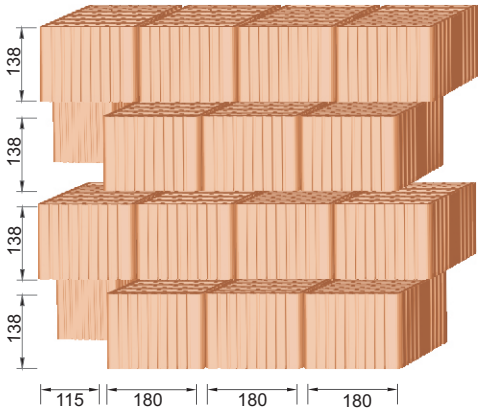
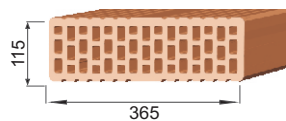
PERETE EXTERIOR PORTANT - zid 36,5 cm

Crt.	DENUMIRE CARACTERISTICA		UM	PRODUS	
				THERMOKRON 36,5 TK 18-13,8	THERMOKRON 36,5 TK 11,5-13,8
				valoare	valoare
1	Dimensiuni	-lungime	mm	180	115
		-latime	mm	365	365
		-inaltime	mm	138	138
2	Masa medie		Kg	10,7	6,7
3	Absorbtie apa		%	8-20	8-20
4	Densitate aparenta		Kg/m³	1200	1200
5	Volum net		dm³	5,9-6,0	3,53-3,64
6	Procent goluri		%	32-34	35,8-37
7	Rezist. la compresiune pe verticala		N/mm²	min. 10,0	min. 10,0
8	Rezist. la compresiune pe orizontala		N/mm²	min. 2,0	min. 2,0
9	Rezist. la inghet-dezghet		Clasa	F 1	F 1
10	Saruri solubile active (SO)		%	0,17	0,17
11	Permeabilitatea la vapori de apa μ			5/10	5/10
12	Conductivitate termica echiv. λ_{echiv}		W/m²K	0,41	0,36
13	Rezistenta termica R		m²K/w	0,89	0,82
14	Reactia la foc (% Euroclasa)		%	1,0 A1	1,0 A1
15	Rezist. medie initiala la forfecare-f _{vo}		N/mm²	0,38	0,25
16	Nr. buc /m³ de zidarie tencuita		buc.	93	142

THERMOKRON 36,5
TK 18 - 13,8
180~365~138



THERMOKRON 36,5
TK 11,5 - 13,8
115~365~138



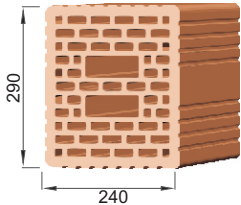
PERETE EXTERIOR PORTANT - zid 24 cm

Crt.	DENUMIRE CARACTERISTICA	UM	PRODUS	
			THERMOKRON 24 TK 29-18,8	THERMOKRON 24 TK 11,5-18,8
			valoare	valoare
1	Dimensiuni -lungime	mm	290	115
	-latime	mm	240	240
	-inaltime	mm	188	188
2	Masa medie	Kg	14,212,8	6,15,8
3	Absorbtie apa	%	8-20	8-20
4	Densitate aparenta	Kg/m³	1100	12001100
5	Volum net	dm³	7,81-7,82	3,44-3,56
6	Procent goluri	%	37-39	31,5-33,6
7	Rezist. la compresiune pe verticala	N/mm²	min. 10,0	min. 10,0
8	Rezist. la compresiune pe orizontala	N/mm²	min. 2,0	min. 2,0
9	Rezist. la inghet-dezghet	Clasa	F 1	F 1
10	Saruri solubile active (SO)	%	0,17	0,17
11	Permeabilitatea la vapori de apa μ		5/10	5/10
12	Conductivitate termica echiv. λechiv	W/m°K	0,35	0,41
13	Rezistenta termica R	m²°K/w	0,82	0,6
14	Reactia la foc (% Euroclasa)	%	1,0 A1	1,0 A1
15	Rezist. medie initiala la forfecare-fvo	N/mm²	0,250,27	0,57
16	Nr. buc /m³ de zidarie tencuita	buc.	67	160

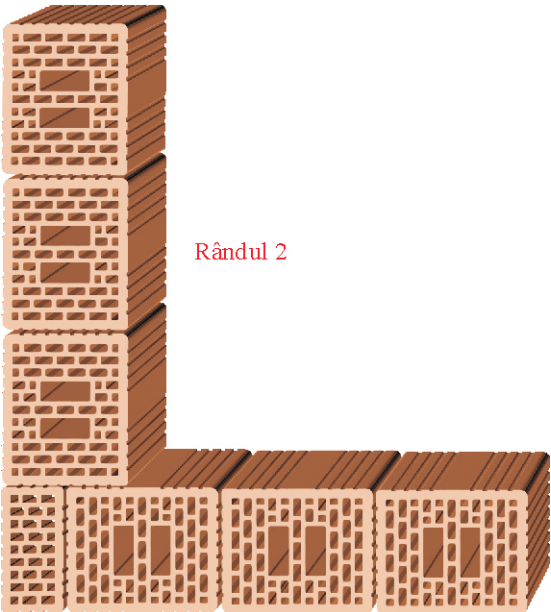
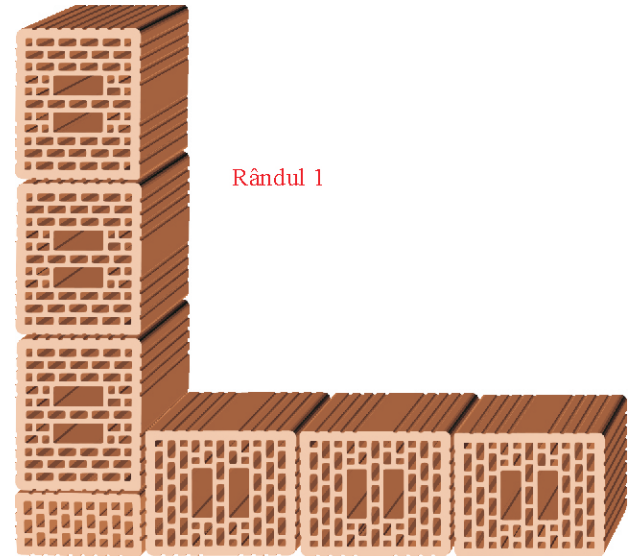
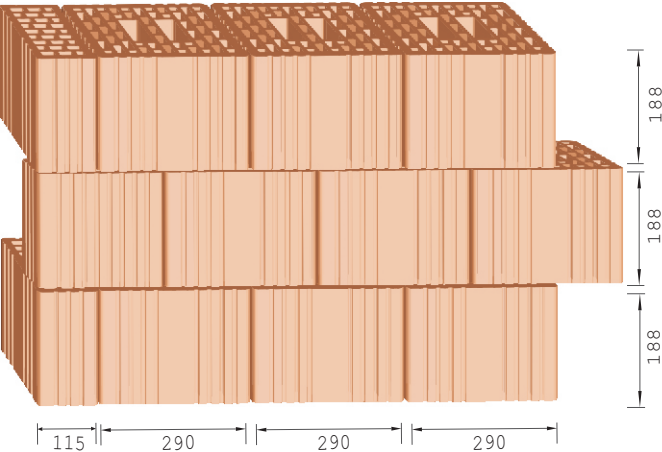
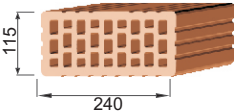
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Valoare pentru produsul fabricat de S.C. SASTUC S.A.

THERMOKRON 24
TK 29 - 18,8
240~290~188

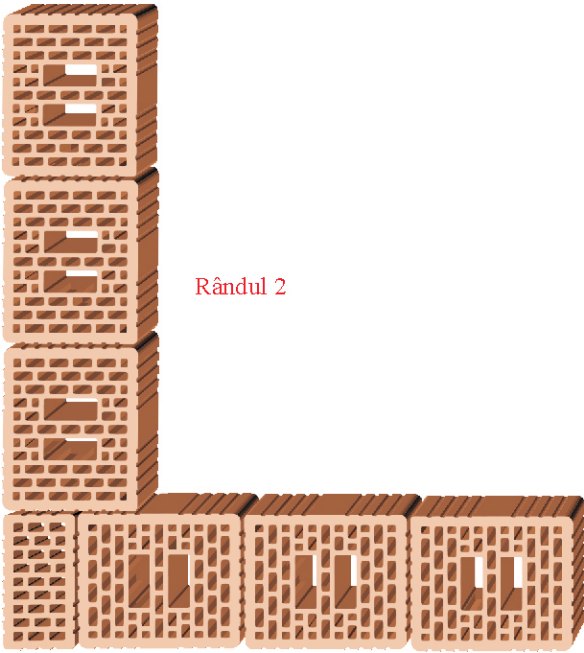
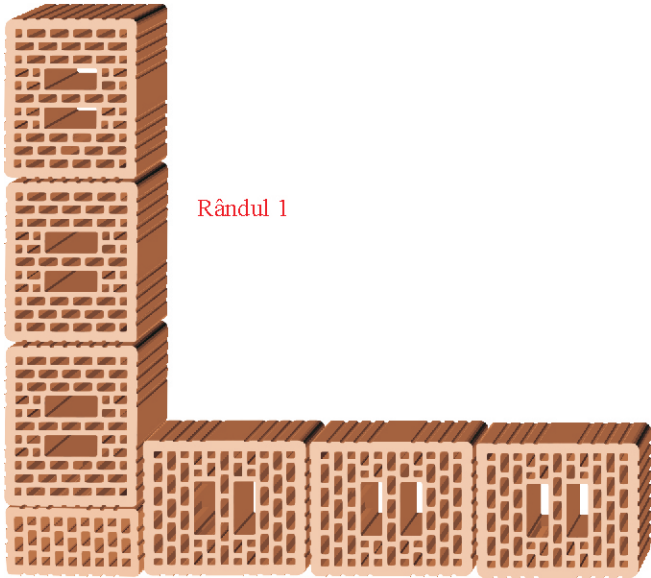
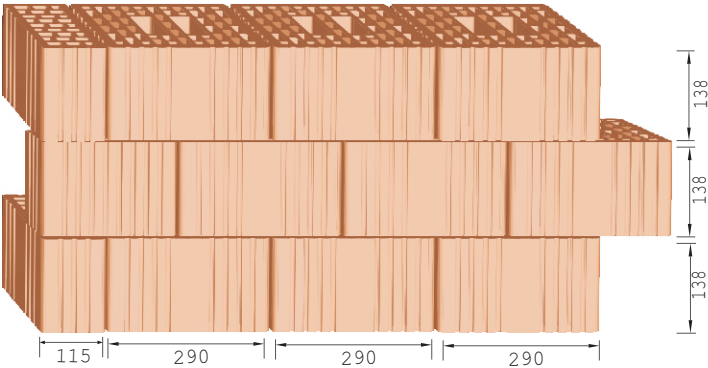


THERMOKRON 24
TK 11,5 - 18,8
240~115~188

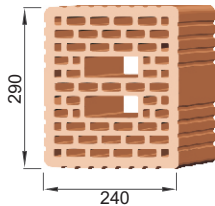


PERETE EXTERIOR PORTANT - zid 24 cm

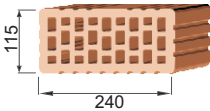
Crt.	DENUMIRE CARACTERISTICA	UM	PRODUS	
			THERMOKRON 24 TK 29-13,8	THERMOKRON 24 TK 11,5-13,8
			valoare	valoare
1	Dimensiuni -lungime	mm	290	115
	-latime	mm	240	240
	-inaltime	mm	138	138
2	Masa medie	Kg	10,49,5	4,54,8
3	Absorbtie apa	%	8-20	8-20
4	Densitate aparenta	Kg/m³	1100	1200
5	Volum net	dm³	5,73-5,785,62-5,88	2,51-2,53
6	Procent goluri	%	38,2-39,837,2-38,5	33,6-3530,5-31,5
7	Rezist. la compresiune pe verticala	N/mm²	min. 10,0	min. 10,0
8	Rezist. la compresiune pe orizontala	N/mm²	min. 2,0	min. 2,0
9	Rezist. la inghet-dezghet	Clasa	F 1	F 1
10	Saruri solubile active (SO)	%	0,17	0,17
11	Permeabilitatea la vapori de apa μ		5/10	5/10
12	Conductivitate termica echiv. λechiv	W/m°K	0,36	0,41
13	Rezistenta termica R	m²°K/w	0,81	0,6
14	Reactia la foc (% Euroclasa)	%	1,0 A1	1,0 A1
15	Rezist. medie initiala la forfecare-fvo	N/mm²	0,27	0,57
16	Nr. buc /m³ de zidarie tencuita	buc.	89	213

 Valoare pentru produsul fabricat de S.C. MURESENI S.A.
 Valoare pentru produsul fabricat de S.C. SASTUC S.A.

THERMOKRON 24
TK 29 - 13,8
240~290~138



THERMOKRON 24
TK 11,5 - 13,8
240~115~138



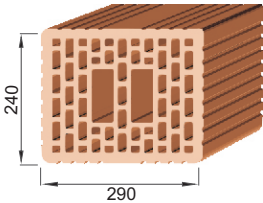
PERETE EXTERIOR PORTANT - zid 29 cm

			PRODUS	
			THERMOKRON 29 TK 24-18,8	THERMOKRON 29 TK 14-18,8
Crt.	DENUMIRE CARACTERISTICA	UM	valoare	valoare
1	Dimensiuni -lungime	mm	240	140
	-latime	mm	290	290
	-inaltime	mm	188	188
2	Masa medie	Kg	14,2	13,1
3	Absorbtie apa	%	8-20	8-20
4	Densitate aparenta	Kg/m³	1100	1100
5	Volum net	dm³	7,81-7,82	7,2-7,48
6	Procent goluri	%	37-38,1	27-30
7	Rezist. la compresiune pe verticala	N/mm²	min. 10,0	min. 10,0
8	Rezist. la compresiune pe orizontala	N/mm²	min. 2,0	min. 2,0
9	Rezist. la inghet-dezghet	Clasa	F 1	F 1
10	Saruri solubile active (SO)	%	0,17	0,17
11	Permeabilitatea la vapori de apa μ		5/10	5/10
12	Conductivitate termica echiv. λechiv	W/m°K	0,35	0,40
13	Rezistenta termica R	m²°K/w	0,82	0,73
14	Reactia la foc (% Euroclasa)	%	1,0 A1	1,0 A1
15	Rezist. medie initiala la forfecare- fvo	N/mm²	0,25	0,27
16	Nr. buc /m³ de zidarie tencuita	buc.	67	111

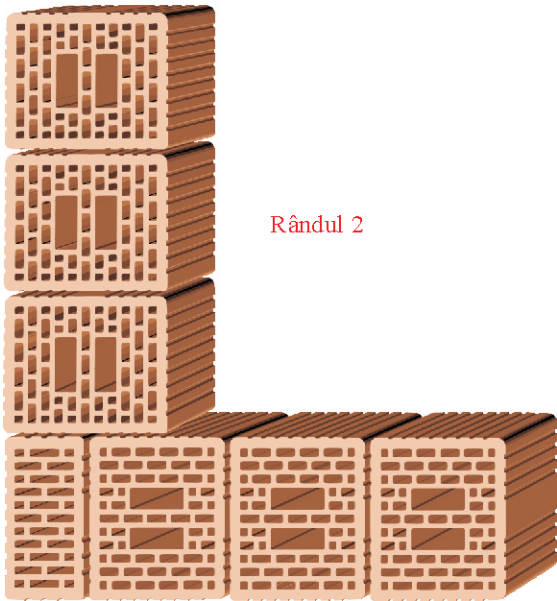
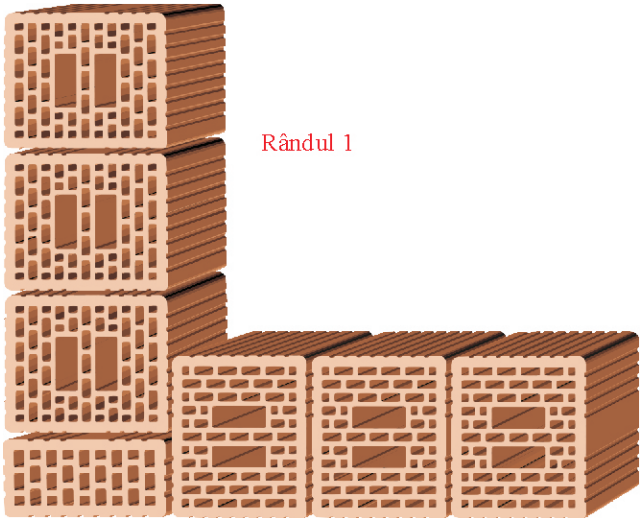
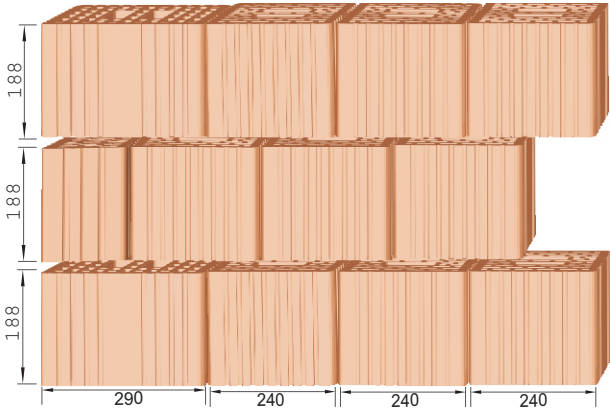
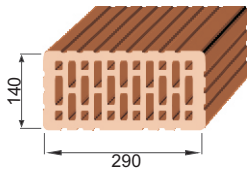
Valoare pentru produsul fabricat de S.C. MURESENI S.A.

Valoare pentru produsul fabricat de S.C. SASTUC S.A.

THERMOKRON 29
TK 24 - 18,8
290~240~188



THERMOKRON 29
TK 14 - 18,8
290~140~188



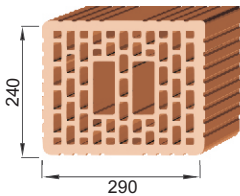
PERETE EXTERIOR PORTANT - zid 29 cm

Crt.	DENUMIRE CARACTERISTICA	UM	PRODUS			
			THERMOKRON 29 TK 24-13,8		THERMOKRON 29 TK 14-13,8	
1	Dimensiuni -lungime	mm	valoare		valoare	
	-latime	mm	240		140	
	-inaltime	mm	290		290	
2	Masa medie	Kg	10,4	9,5	6,9	6,5
3	Absorbtie apa	%	8-20		8-20	
4	Densitate aparenta	Kg/m³	1100		1300	
5	Volum net	dm³	5,73-5,78	5,62-5,73	3,9-4,1	3,5-3,6
6	Procent goluri	%	38,2-40	37-38,5	28,2-32	33-34,5
7	Rezist. la compresiune pe verticala	N/mm²	min. 10,0		min. 10,0	
8	Rezist. la compresiune pe orizontala	N/mm²	min. 2,0		min. 2,0	
9	Rezist. la inghet-dezghet	Clasa	F 1		F 1	
10	Saruri solubile active (SO)	%	0,17		0,17	
11	Permeabilitatea la vapori de apa μ		5/10		5/10	
12	Conductivitate termica echiv. λechiv	W/m°K	0,36		0,40	
13	Rezistenta termica R	m²K/w	0,81		0,73	
14	Reactia la foc (% Euroclasa)	%	1,0 A1		1,0 A1	
15	Rezist. medie initiala la forfecare- f _{vo}	N/mm²	0,27		0,42	
16	Nr. buc /m³ de zidarie tencuita	buc.	89		148	

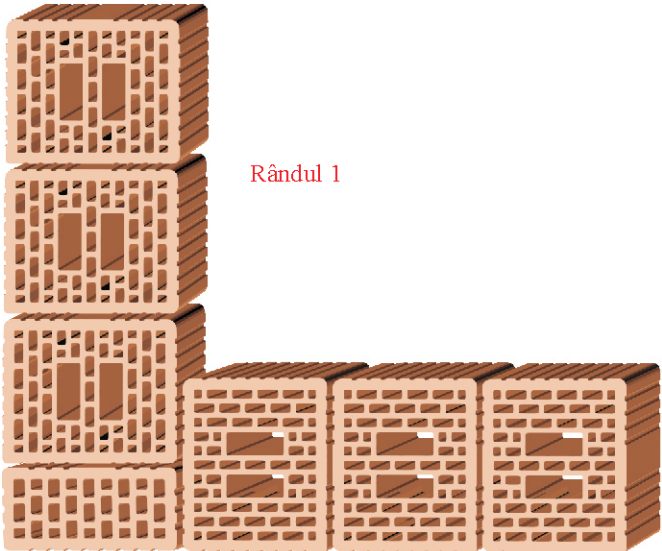
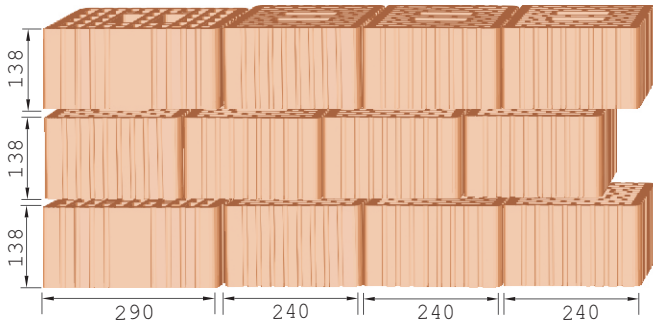
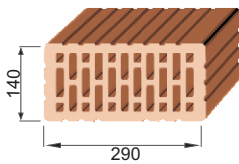
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- Valoare pentru produsul fabricat de S.C. MURESENI S.A.

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- Valoare pentru produsul fabricat de S.C. SASTUC S.A.

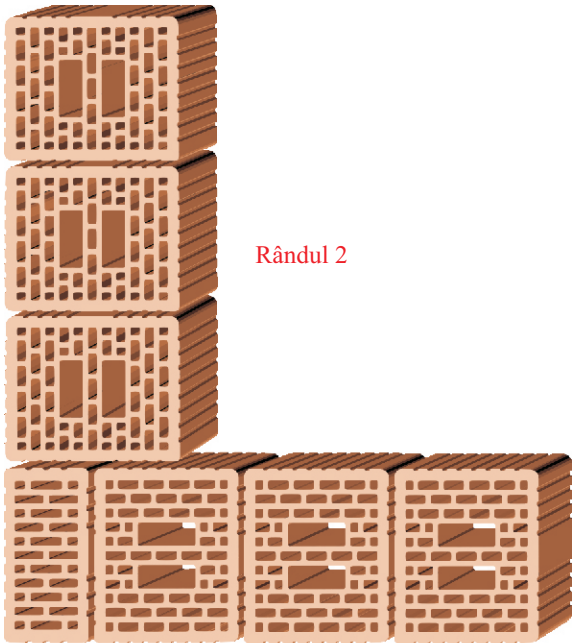
THERMOKRON 29
TK 24 - 13,8
290~240~138



THERMOKRON 29
TK 14 - 13,8
290~140~138



Rândul 1



Rândul 2

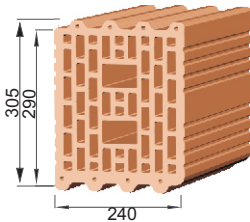
PERETE EXTERIOR PORTANT - zid 24 cm

Crt.	DENUMIRE CARACTERISTICA	UM	PRODUS	
			THERMOKRON 24 L+U TK 29 L+U -18,8	THERMOKRON 24 TK 11,5-18,8
			valoare	valoare
1	Dimensiuni -lungime	mm	290	115
	-latime	mm	240	240
	-inaltime	mm	188	188
2	Masa medie	Kg	13,6	6,1 5,8
3	Absorbtie apa	%	8-20	8-20
4	Densitate aparenta	Kg/m³	1100	1100
5	Volum net	dm³	7,45-7,78	3,44-3,56
6	Procent goluri	%	42,6-44	31,5-33,6
7	Rezist. la compresiune pe verticala	N/mm²	min. 10,0	min. 10,0
8	Rezist. la compresiune pe orizontala	N/mm²	min. 2,0	min. 2,0
9	Rezist. la inghet-dezghet	Clasa	F 1	F 1
10	Saruri solubile active (SO)	%	0,17	0,17
11	Permeabilitatea la vapori de apa μ		5/10	5/10
12	Conductivitate termica echiv. λechiv	W/m°K	0,35	0,41
13	Rezistenta termica R	m²°K/w	0,83	0,6
14	Reactia la foc (% Euroclasa)	%	1,0 A1	1,0 A1
15	Rezist. medie initiala la forfecare-f _{vo}	N/mm²	0,25	0,57
16	Nr. buc /m³ de zidarie tencuita	buc.	67	160

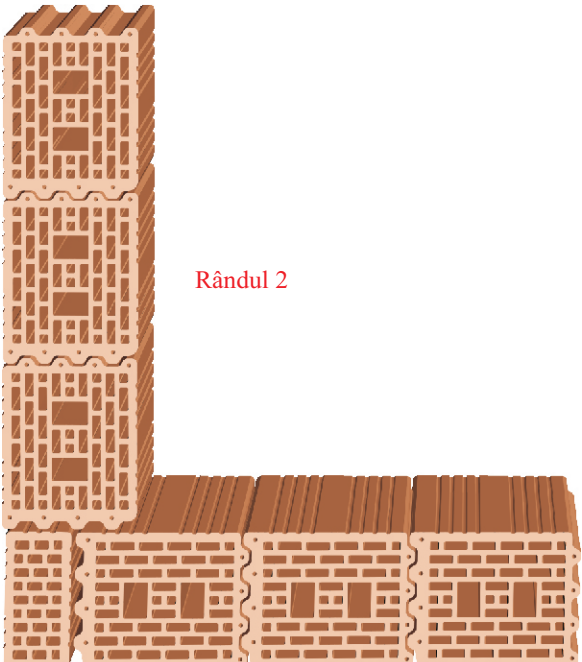
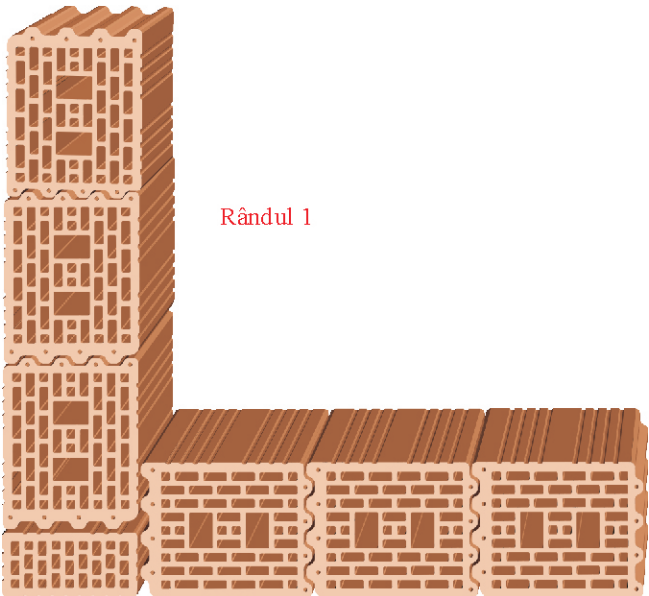
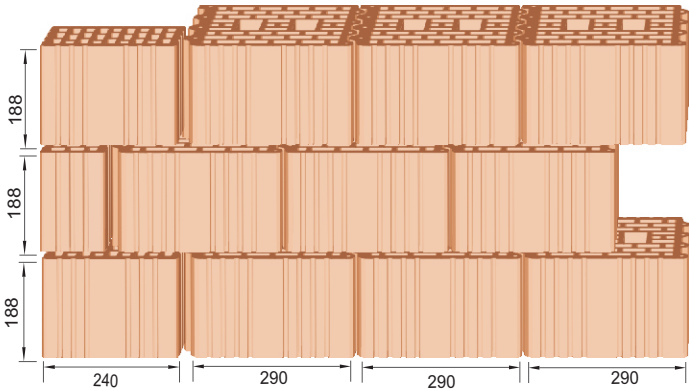
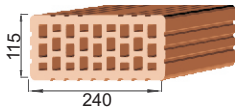
Valoare pentru produsul fabricat de S.C. MURESENI S.A.

Valoare pentru produsul fabricat de S.C. SASTUC S.A.

THERMOKRON 24 L+U
TK 29 L+U - 18,8
240~290~188



THERMOKRON 24
TK 11,5 - 18,8
240~115~188

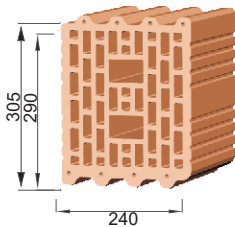


PERETE EXTERIOR PORTANT - zid 24 cm

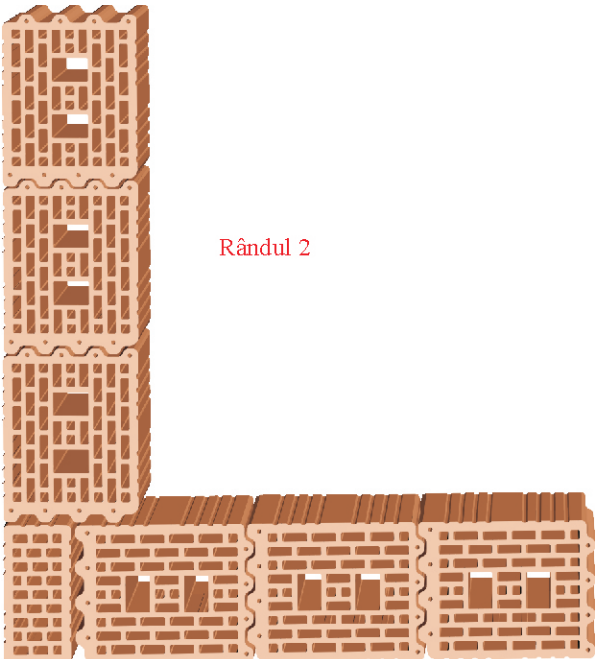
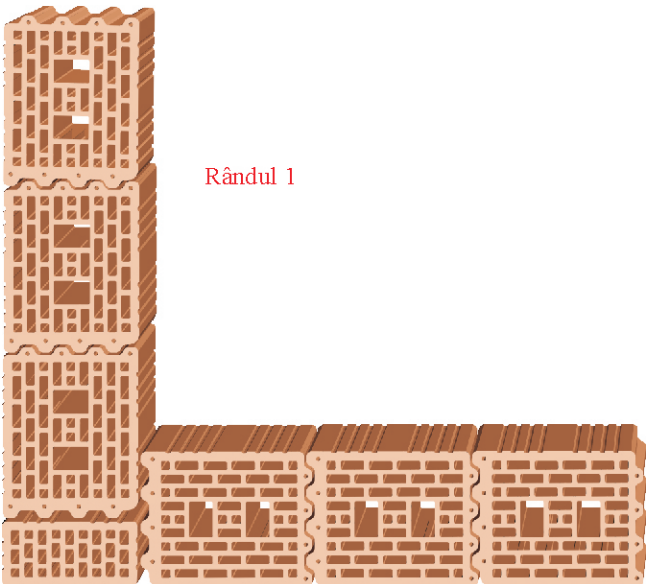
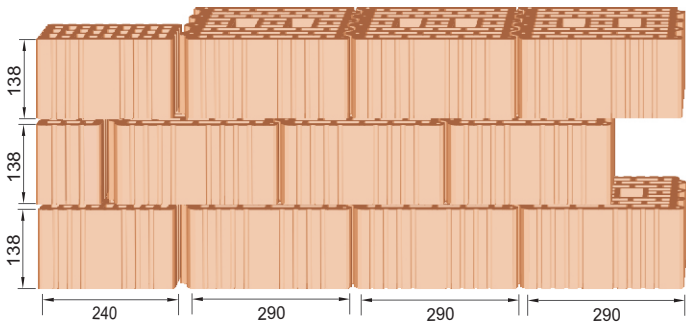
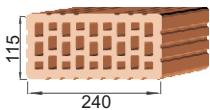
Crt.	DENUMIRE CARACTERISTICA	UM	PRODUS			
			THERMOKRON 24 L+U TK 29 L+U -13,8		THERMOKRON 24 TK 11,5-13,8	
			valoare		valoare	
1	Dimensiuni -lungime	mm	290		115	
	-latime	mm	240		240	
	-inaltime	mm	138		138	
2	Masa medie	Kg	10	9,5	4,5	4,8
3	Absorbtie apa	%	8-20		8-20	
4	Densitate aparenta	Kg/m³	1100		1200	
5	Volum net	dm³	5,48-5,65		2,5-2,6	
6	Procent goluri	%	42,6-44		33,6-35	32-32,8
7	Rezist. la compresiune pe verticala	N/mm²	min. 10,0		min. 10,0	
8	Rezist. la compresiune pe orizontala	N/mm²	min. 2,0		min. 2,0	
9	Rezist. la inghet-dezghet	Clasa	F 1		F 1	
10	Saruri solubile active (SO)	%	0,17		0,17	
11	Permeabilitatea la vapori de apa μ		5/10		5/10	
12	Conductivitate termica echiv. λechiv	W/m°K	0,35		0,41	
13	Rezistenta termica R	m²K/w	0,81		0,6	
14	Reactia la foc (% Euroclasa)	%	1,0 A1		1,0 A1	
15	Rezist. medie initiala la forfecare-f _{vo}	N/mm²	0,27		0,57	
16	Nr. buc /m³ de zidarie tencuita	buc.	89		213	

- Valoare pentru produsul fabricat de S.C. MURESENI S.A.
- Valoare pentru produsul fabricat de S.C. SASTUC S.A.

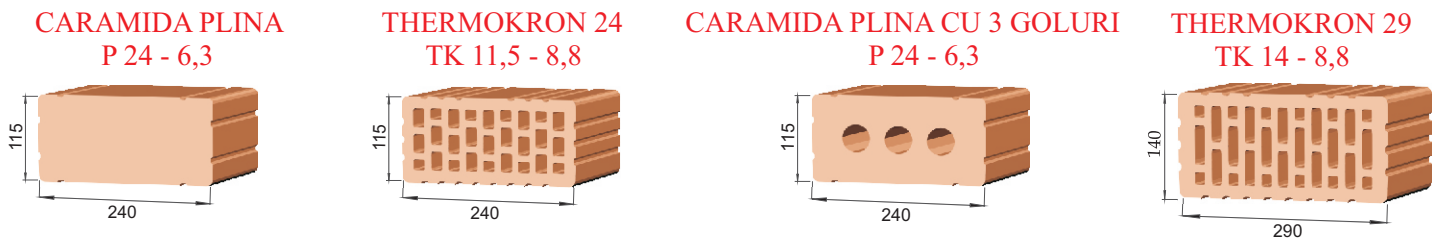
THERMOKRON 24 L+U
TK 29 L+U - 18,8
240~290~188



THERMOKRON 24
TK 11,5 - 18,8
240~115~188



CARAMIDA TRADITIONALA



			PRODUS			
			CARAMIDA PLINA P 24 - 6,3	CARAMIDA PLINA CU 3 GOLURI	THERMOKRON 24 TK 11,5- 8,8	THERMOKRON 29 TK 14 - 8,8
Crt.	DENUMIRE CARACTERISTICA	UM	valoare	valoare	valoare	valoare
1	Dimensiuni -lungime	mm	240	240	240	290
	-latime	mm	115	115	115	140
	-inaltime	mm	63	63	88	88
2	Masa	Kg	3,1	2,9-3,2	3,0	4,6
3	Absorbtie apa	%	8-20	8-20	8-20	8-20
4	Densitate aparenta	Kg/dm³	1600	1600	1200	1300
5	Volum net	dm³	1,65-1,70	1,4-1,50	1,61-1,65	2,51-2,60
6	Procent goluri	%	—	15,5-17	33,6-35	27-35
7	Rezist. la compresiune pe verticala	N/mm²	min. 10,0	min. 10,0	min. 10,0	min. 10,0
8	Rezist. la compresiune pe orizontala	N/mm²	min. 2,0	min. 2,0	min. 2,0	min. 2,0
9	Rezist. la inghet-dezghet	Clasa	F 1	F 1	F 1	F 1
10	Saruri solubile active (SO)	%	0,17	0,17	0,17	0,17
11	Permeabilitatea la vapori de apa μ		5/10	5/10	5/10	5/10
12	Conductivitate termica echiv. λechiv	W/m°K	0,54	0,45	0,41	0,4
13	Rezistenta termica R	m²°K/w	0,44	0,65	0,59	0,73
14	Reactia la foc (% Euroclasa)	%	1,0 A1	1,0 A1	1,0 A1	1,0 A1
15	Rezist. medie initiala la forfecare– f _{vo}	N/mm²	0,42	—	0,48	0,42
16	Rezist. medie initiala la incovoiere	N/mm²	min. 1,6	—	—	—
17	Nr. buc /m³ de zidarie tencuita	buc.	457	457	320	222

TABEL CU TOLERANTE , RESPECTIV CU LIMITA MAXIMA
LA DIMENSIUNILE CARAMIZILOR

Crt.	DIMENSIUNE	Dimensiune (T1)		Dimensiune (T2)		R 1	R 2
		minime	maxime	minime	maxime		
1	63	60	66	61	65	5	2
2	88	84	92	86	90	6	3
3	115	111	119	112	118	6	3
4	138	133	143	135	141	7	4
5	140	135	145	137	143	7	4
6	180	175	185	177	183	8	4
7	188	183	193	185	191	8	4
8	240	234	246	236	244	9	5
9	290	283	297	286	294	10	5
10	365	357	373	360	370	11	6