

TABLE NO. 1—SECTIONAL PROPERTIES OF KORFIL HI-R MASONRY UNITS WITH INSULATION INSERTS. PROPERTIES PER FOOT OF WALL

NOMINAL BLOCK WIDTH (Inches)	GROUTED CELL SPACING (Inches)	NET CROSS SECTIONAL AREA, A ₁ ¹ (Inches ²)	NET CROSS SECTIONAL AREA, A ₂ ² PERCENT SOLID	NET MOMENT OF INERTIA I (Inches ⁴)	SECTION MODULUS S (Inches ³)	
					Insulation Side	Grooved Side
8	8	60.0	65.6	364	82.8	113.0
	16	48.6	53.1	352	83.2	104.0
	24	43.4	47.4	345	83.7	98.8
	32	40.8	44.6	342	84.1	95.9
	40	39.2	42.9	339	84.3	94.1
	48	38.2	41.8	337	84.5	92.9
	Ungrooved	33.0	36.1	327	85.9	85.9
	8	84.0	72.7	700	126.0	172.0
	16	63.8	55.2	665	124.0	157.0
	24	54.5	47.2	647	123.0	148.0
10	32	49.9	43.2	637	123.0	143.0
	40	47.1	40.8	630	123.0	140.0
	48	45.3	39.2	626	123.0	138.0
	Ungrooved	36.0	31.2	601	125.0	125.0
	8	108.0	77.4	1245	188.0	249.0
	16	80.2	57.5	1165	181.0	225.0
12	24	67.4	48.3	1126	179.0	212.0
	32	61.1	43.8	1105	178.0	205.0
	40	57.3	41.0	1092	177.0	200.0
	48	54.7	39.2	1084	177.0	197.0
	Ungrooved	42.0	30.1	1035	178.0	178.0

¹Section properties are based on net bedded area with cross webs adjacent to grooved cells having mortared bed joints.