

TECHNICAL INFORMATION AND STANDARDS

USE	CLASS	Levels of Intrusions	STATIC LOAD				DYNAMIC LOAD	HAND ATTACK		
			Load on the closing points	Permissible deformation	Load between the closing points	Admitted deformation		Test time		Tool Kit
								Working time	Maximum time	
LOW RISK DOMESTIC USES	1	The occasional intruder tries to force the door using physical violence such as thrust, pushing, kicking.	674 lbf	3/8"	337 lbf	1 3/16"	5 hits, 30 kg	No Test		No Test
	2	The intruder tries to force the door using simple tools such as screwdrivers, pliers, wedges.	674 lbf	3/8"	337 lbf	1 3/16"	5 hits, 30 kg	3 minutes	15 minutes	Class 2 - 3/8" screwdriver – total length 10" - 5/8" mm screwdriver – total length 14 3/4" - 8" x 3 3/8" x 9 1/2" wood/plastic wedge - Adjustable grips – total length 9 1/2" - Adjustable spanner – total length 9 1/2"
DOMESTIC USES	3	The intruder uses, in addition to the above, other screwdrivers and crowbars.	1,348 lbf	3/8"	674 lbf	1 3/16"	5 hits, 30 kg	5 minutes	20 minutes	PREVIOUS KIT + Class 3 - 5/8" screwdriver – total length 14 3/4" - Crowbar – total length 28"
HIGH RISK DOMESTIC USES	4	The intruder uses, in addition to the above, saws, hammers, chisels and portable battery drills.	2,248 lbf	3/8"	1,348 lbf	3/8"	No Test	10 minutes	30 minutes	PREVIOUS KITS + Class 4 - 1 3/16" woodworking chisel – total length 10" - 1 3/16" chisel for iron – total length 10" - 45 oz hammer – total length 11 1/2" - Hatchet – total length 13" - Hand fretsaw with HSS blades - Minisaw with HSS blades - Pincers – total length 10" - Shears – total length 18" - 320 Watt electric drill - HSS Drill bits with a diameter up to 3/8"
PROFESSIONAL USES	5	The intruder uses, in addition to the above, electric tools, drills, reciprocal saws, angle grinder with a disc of 5" diameter max.	3,372 lbf	3/8"	2,248 lbf	3/8"	No Test	15 minutes	40 minutes	PREVIOUS KITS + Class 5 - Extension cable – total length 20" - 550 Watt electric fretsaw with blades - 900 Watt electric saw with blades - 600 Watt electric drill with HSS bits with a diameter up to 1/2"- HSS cup bits with a diameter up to 2" - 1000 Watt angle wheel with disks with a diameter up to 5"
	6	The expert intruder uses, in addition to the above, high-power electric tools, drills, angle grinder with a disc of 9" diameter max.	3,372 lbf	3/8"	2,248 lbf	3/8"	No Test	25 minutes	50 minutes	PREVIOUS KITS + Class 6 - 1050 Watt electric drill - 1900 Watt angle wheel with disks with a diameter up to 9"