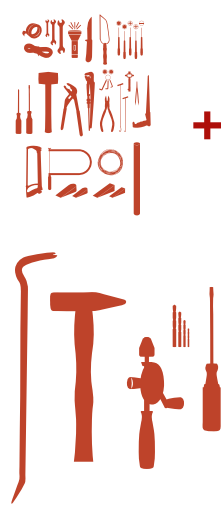


RESISTANCE CLASSES



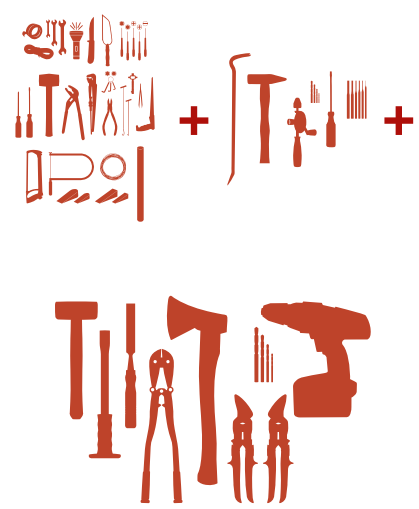
15 MIN

RC2



20 MIN

RC3



30 MIN

RC4

RESISTANCE CLASS RC2

Threat level: low
Perpetrator type: amateur burglars

DIN EN 1627-1630 TESTING METHODS

STATIC TEST

Load per locking point: 300 kg

DYNAMIC TEST

Load: 3 x 50 kg from 450 mm

MANUAL TEST

Total test time: 15 min
Tool contact time: 3 min

MATERIAL

Sipo mahogany or oak

GLAZING

Throw-through-resistant P4A glazing in compliance with DIN EN 356. Glass protection by bonding the pane to the glazing rebate

DRILLING PROTECTION

optional

CONSTRUCTION TYPES

Entry doors, direct glazed frames, fixed sashes, inswing turn or tilt and turn windows with symmetrical style, inswing turn patio doors with symmetrical style, bronze thresholds, panels, transoms with concealed motors, shutter boxes, lift-and-slide doors, post and rail facades

RESISTANCE CLASS RC3

Threat level: medium
Perpetrator type: advanced burglars

DIN EN 1627-1630 TESTING METHODS

STATIC TEST

Load per locking point: 600 kg

DYNAMIC TEST

Load: 3 x 50 kg from 750 mm

MANUAL TEST

Total test time: 20 min
Tool contact time: 5 min

MATERIAL

Oak

GLAZING

Break-through-resistant P6B glazing in compliance with DIN EN 356, which is the minimum requirement for RC4, but is also used at KORN for RC3 elements. Glazing rebate reinforcement with stainless steel brackets, which are used identically in our RC4 elements

DRILLING PROTECTION

optional

CONSTRUCTION TYPES

Entry doors, direct glazed frames, fixed sashes, inswing turn or tilt and turn windows with symmetrical style, inswing turn patio doors with symmetrical style, bronze thresholds, panels, transoms with concealed motors, shutter boxes

RESISTANCE CLASS RC4

Threat level: high
Perpetrator type: professional burglars

DIN EN 1627-1630 TESTING METHODS

STATIC TEST

Load per locking point: 1000 kg

DYNAMIC TEST

Load: omitted

MANUAL TEST

Total test time: 30 min
Tool contact time: 10 min

MATERIAL

Oak

GLAZING

Break-through resistant P6B glazing in compliance with DIN EN 356. Glazing rebate reinforcement with stainless steel brackets

SPECIAL STRUCTURAL FEATURES

Drill-through protection included in handle area, rebate reinforcement

CONSTRUCTION TYPES

Entry doors, direct glazed frames, fixed sashes, inswing turn or tilt and turn windows with symmetrical style, inswing turn patio doors with symmetrical style, bronze thresholds, panels, (transoms with concealed motors in RC3 design combined with RC4 elements below)