

Resistance Classes According to DIN EN 1627-1630

DIN EN 1627-1630 is a European classification system for performance determination that is issued by the Danish Standard in connection with burglary attempts via windows and doors, which describes the test methods and forced entry attempts used to evaluate resistance.

RC1	Resistance class tested for basic protection against physical burglary attempts - kicks or pulls.
RC2	Resistance class tested for protection against burglary attempts using basic tools like - screwdrivers, wedges and pliers. Resistance time: 3 minutes Test time 15 min.
RC3	Resistance class tested for protection against experienced burglars using two screwdrivers and hand tools like hammer, crowbar or manual drill. Resistance time: 5 minutes Test time 20 min.
RC4	Resistance class tested for security protection where experienced burglars additionally use saws and impact tools such as axes, hammers and chisels and battery-operated power tools. Resistance time: 10 minutes Test time 30 min.
RC5	Resistance class tested for increased security protection against experienced burglars who use high-performance power tools such as drills, reciprocating saw and angle grinders with a maximum disc of 125 mm. Resistance time: 15 minutes Test time 40 min.
RC6	Resistance class tested for the highest security protection against experienced burglars who use high-performance power tools such as drills, reciprocating saw and angle grinders with a maximum disc of 250 mm. Resistance time: 20 minutes Test time 50 min.

Resistance Time - working impact time of the tester performing the forced entry attempt

Test Time - maximum amount of total time spent: working impact, at rest, tool changes and observation to determine vulnerabilities