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X-TEND®

Resistance Class testing acc. to DIN EN ISO 1627 – „RC class“

Method: physical access analytics

Test bodies:	X-TEND® stainless steel cable mesh, various types, on tubular frames (X-TEND2, dim. 1300 x 800mm)
RC III certified:	**Mesh width 25 / 1,5mm CXE** **Mesh width 60 / 1,5mm CXS in slotted frame X-TEND3** **Mesh width 40 / 2,0mm CXE** **Mesh width 80 / 2,0mm CXE** **Mesh width 50 / 3,0mm CXE** **Mesh width 100 / 3,0mm CXE** **Mesh width 80 / 4,0mm CXE**
Used tools:	2 screwdrivers (small / big), pliers
Testing basis:	DIN EN ISO 1627

- Individual test institute certificates available upon request –

Information on RC IV:
Used tools: bolt cutter acc. to DIN 8588 (showed the fastest result in pre-trials, thus being the most disadvantageous tool for cable mesh in-fills)

The access duration in class RCIV was measured between 31 and 80 sec. for the above mentioned X-TEND mesh types, with approx. 350 cm² damaged mesh surface to pass through.

X-TEND mesh barrier is advantageous with a high number of mesh diamonds respectively a small mesh width, to be cut cable by cable in order to cause a sufficiently dimensioned opening for a person to pass.

X-TEND thus makes for a barrier respectively a relevant time effort during the intrusion action into an access safety system by trespassers.

(+ see overview/chart)