

Internal Evidence of Performance

Hinges as CUAP 04.05/12



Property	Krona Koblenz Spa Via O.Romero, 1 47853 Coriano RN Italia
Construction product Designation	Multiple-axis concealed door hinge Model K7200
Product description	3-D adjustable door hinge
Material	Zink die casting Zamak 15UNI3717
Hinge height	230 mm
Material of hinge pin	Steel
Diameter of hinge pin	4 mm
Opening angle	180°
Door leaf weight	200 kg
Maintenance	According to the maintenance and installation instructions from company Krona Koblenz S.p.A. – Italia

Basis

CUAP 04.05/12, version august 2006

EN 1935:2002 Building hardware – Single axis hinges – Requirement and test methods

Instructions for use

The test report serve to demonstrate the requirements for hinges as per CUAP 04.05/12, version august 2006.
Marking as per EN 1935 2002 is not possible.

Validity

The data and result given refer solely to the tested construction products.

The construction product qualifies as per CUAP 04.05/12 as following described:

- **Category of use: number “3”**, hinges for heavy loads to use on door in public buildings used frequently by people that do not care.
- **Durability**: the test door with two hinges is charged with the maximal capacity foreseen and moved for **200000 cycles**.
- **Mass of test door: 200 kg**.
- **Fire resistance**: hinges are **not** suitable.
- **Safety in use**: this is fundamental requirement: **number “1”**, means that the hinge is safe otherwise the test would not have been passed.
- **Corrosion resistance: level “4”**, corresponds to 240 hours under salt spray test. After the test no traces of corrosion were visible.
- **Security: level “1”** idoneus for burglar-proof doors.
- **Hinge grade: grade “14”**, general classification of adjustable hinges.