Metalo

ADCOS CC

DATA SHEET

R C 80 30 C P

Galvanised High Carbon

RC-80/30-CP

What is Metalo?

Metalo steel fibres, from industry specialist Adcos CC, have set a new standard for concrete reinforcement with their unique combination of flexibility and cost-efficiency.

Metalo is a cold drawn steel wire fibre with hooked ends for optimum anchorage.
What you get from Metalo reinforced concrete is ductility and high load bearing capacity. On top of that, you'll find a quick and easy way to an efficient and cost effective solution.

RC-80/30-CP offers you:

☑ **Metalo Hi Perform**

Metalo Hi Perform fibres provide high performance and crack resistance. These are products of choice to create optimal ductility. Metalo Hi Perform is used for structural, designed applications, in situ, precast or sprayed.
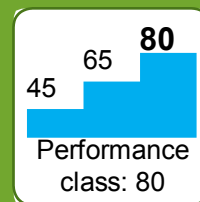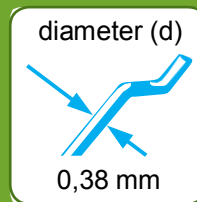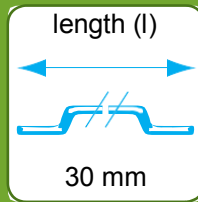
☑ **Metalo Green**

Metalo Green products are extremely durable; they are products of choice to create long-lasting solutions, where long-term durability, rust-free or esthetic surfaces are a must.

They are specially engineered to enhance performance even in 'Chrome-free cements'.

GEOMETRY AND PERFORMANCE

length (l)
30 mm

diameter (d)
0,38 mm

45 65 **80**
Performance class: 80

34.000 Fibres/kg

Minimum dosage: 25 kg per m^3 (according to **CE**)
Minimum fibre network: 25,5 km per m^3 (for 25 kg/m^3)

MATERIAL PROPERTIES

Tensile strength: Rm nom: 3.070 N/mm^2
Tolerances: ± 7,5% Avg
Young's Modulus (Emod): ± 210.000 N/mm
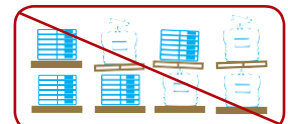
PACKAGING

60 Bags (20kg)
1200 kg

BIG BAG
1100 kg

STORAGE

KEEP DRY **NO STACKING**

PRODUCT APPROVALS

CE
0749-CPD
EN 14889-1
06

Conforms to
ASTM A820

CE **ASTM A820**

- **CE LABEL:** Metalo is certified for CE mark system 1: steel fibres for structural use.
  For detailed info: CE info sheet available on request.

SYSTEM APPROVALS

ISO 9001
BUREAU VERITAS Certification

ISO 14001
BUREAU VERITAS Certification

ISO 9001 **ISO 14001**

- **ISO 9001:** All Metalo plants are ISO 9001 certified. The same quality standards are applied.

- **ISO 14001:** Some plants are already ISO 14001 certified. All plants will be ISO 14001 certified before end 2011.

Adcos CC will advise on the most suitable fibre for your application.
- For our recommendations on handling, dosing and mixing.
- For composition and safe application and in the frame of Reach art.33.