

CYLINDER CAPPING EQUIPMENT. SULPHUR CAPPING METHOD

STANDARD

EN 12390-3 – ASTM C31, C192, C617 – AASHTO T23, T126

MELTING POT

10-D1403

Melting pot for capping compound.

230 V, 50-60 Hz, 1 ph.

Used to melt the capping compound. The temperature is set and maintained at the desired value. Adjustable electronic thermostat and pilot lamp fully isolated conforming to CE requirements.

Capacity: 5 litres approx.

Temperature range: +30 / +150°C

Power: 700 W

Dimensions: internal 200 mm dia. x 160 mm, external 285 mm dia. x 275 mm

Weight approx.: 2.7 kg



10-D1403

Accessories

- 55-C0121/5 Stainless steel ladle.

CAPPING COMPOUND

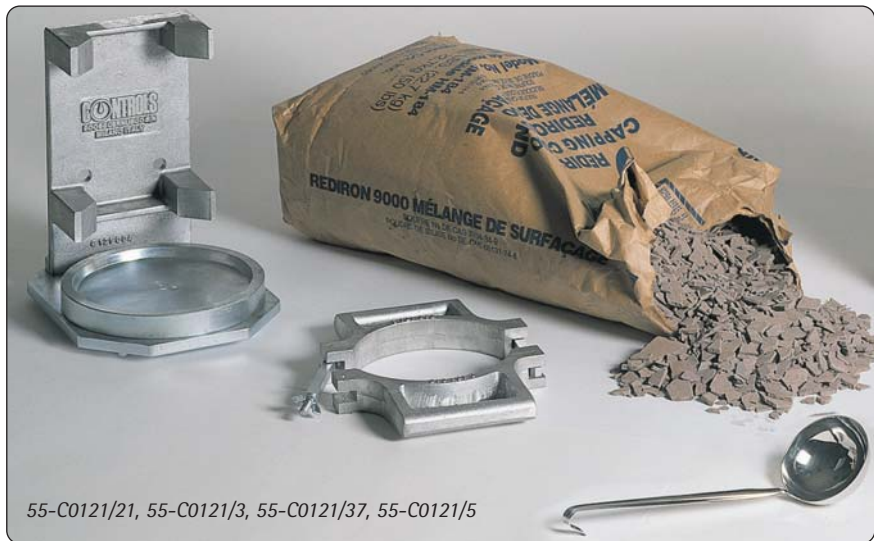
55-C0121/37

Ultra strong capping compound, 22.5 kg package

The capping compound is a mixture of sulphur and mineral filler to give a high finish and performance. Compressive strength by ASTM C617 2" cube test exceeds 8000 p.s.i. (55 MPa) at two hours.



55-C0121/22A



55-C0121/21, 55-C0121/3, 55-C0121/37, 55-C0121/5

CYLINDER CAPPERS

Used to assure plane end surfaces perpendicular to the axis of the cylinder during the capping. Different models are available depending on the size of specimens.

Code	For cylinder size dia. x h (mm)	Weight approx. (kg)
55-C0121/23	100x200	6.5
55-C0121/21	150x300 and 6"x12"	8
55-C0121/22	160x320	8
55-C0121/22A ⁽¹⁾	160x320	8

(1) Special model complete with ball tracks for a positive location of the specimen.

CYLINDER CARRIERS

Used for an easy handling of the specimens. Only available for 150x300 mm (6"x12") and 160x320 mm sizes.

Code	For cylinder size dia. x h (mm)	Weight approx. (kg)
55-C0121/3	150x300 and 6"x12"	1.2
55-C0121/6	160x320	1.2

UNBONDED CAPPING PADS AND RETAINERS

STANDARD: ASTM C1231

Used as an alternative method to the sulphur hot capping of concrete cylinder specimens. The system consists of two alloy steel cap retainers and two 12.5 mm thick neoprene pads. This system is not applicable for expected strength lower than 10 MPa. For expected strength over 48 MPa the 70 shore hardness pads should be used. Pads are reusable up to 100 times and retainers are permanent with normal use and care.

50-C0122 Capping retainers for 6" dia. (150 mm) cylinders

50-C0122/2

Neoprene pads for 6" dia. (150 mm) cylinders, 60 shore A. Set of two

50-C0122/3

Neoprene pads for 6" dia. (150 mm) cylinders, 70 shore A for cylinder strength over 48 MPa. Set of two



50-C0122 - 50-C0122/2

note

Capping pad and retainers for 160x320 mm cylinders are also available on order. Ask for: 50-C0122/A for capping retainers and 50-C0122/4 for neoprene pads.