Multicollar *Slim*

Universal Fire Collar

CE ETA

Product Data Sheet

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Multicollar *Slim*
Universal Fire Collar

Fire resistance
≤ 120 minutes

Diameter
Ø 315 mm

Working life
30 years

ALL IN ONE

Universal Fire Collar

Multicollar *Slim* is a 30 mm-high universal fire collar that consists of a stainless steel band made of 174 segments and a high-quality inlay on a graphite base. In order to achieve the desired pipe diameter, the links can easily be separated. In the event of fire, the Multicollar *Slim* starts foaming and creates a fire-resistant seal to adjacent rooms. In combination with the Multisealant SP sealant, it is also possible to achieve a smoke-proof finish. This fire collar has been extensively tested in Europe in accordance with EN 1366-3. The Multicollar *Slim* fire collar is a single product for all applications. Thanks to the Multiclips and Multiscrews included in the box, one person can easily install it.

Multicollar *Slim* forms part of the Mulcol® Penetration Seal System.

Types of penetrations

- ✓ Standard plastic pipes
  PVC-U, PVC-C, PP, PE, PE-HD, ABS, SAN+PVC
- ✓ Sound-proofing plastic pipes
  REHAU Raupanio plus, Geberit Silent-20dB, Wavin SiTech+, Wavin AS, Blue Power, POLO-KAL 3S
- ✓ Aluminium composite pipes such as: PE-Xb, PE-Xe, PE-RT
  Henco, Uponor, Wavin Tigris, Geberit Mepla, REHAU Rautitan
- ✓ Fibre composite pipes such as: PP-R, PP-B, PP-RCT
  Aquatherm, C/imatec, Aquatechnik
- ✓ Air-conditioning pipes such as: Wicu flex
- ✓ Copper and steel pipes
- ✓ Electric cables and cable bundles
- ✓ Cable conduits with and without electric cables
- ✓ Aluminium flue gas discharge pipes
- ✓ Concentric flue gas discharge pipes steel/PP

Tested configurations

- ✓ Pipes in combination with steel pipe support shells
- ✓ Pipes in corner (¾ principle)
- ✓ Pipes with a zero distance from walls and floors, U-shaped collar
- ✓ Pipes under a 45° angle
- ✓ Pipes tested with tuck-in, electric welding and glue sleeves
- ✓ Pipes with 87°/90° and 2x 45° corner pieces
- ✓ Multiple pipe solutions
- ✓ Pipes with or without insulation

30 mm

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Technical insulation
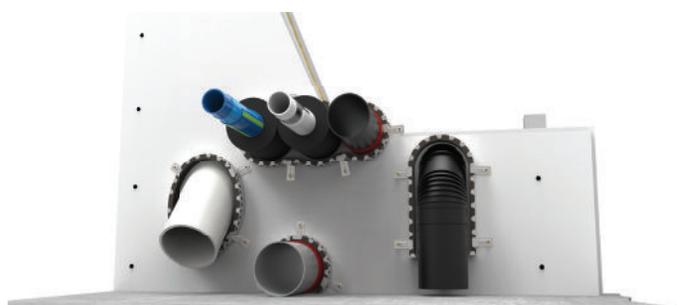
- Thermacompact® TF, PE-foam
- ABsound Sonocool Type PM
- Jaco Massa Reinforced Alu, Jaco Massa Alu and Jaco Massa Black Alu
- Merfisol Silver ALU
- AF/Armaflex and SH/Armaflex

- Kaiflex ST and Kaiflex KKplus s2
- Insul-Phen, Insul-Pirplus and Insul-Pir 33
- Kingspan Tarecpir M1, Kingspan Tarecpir CR, Kingspan Tarecpir 82, Kingspan Tarecpir HT
- Kingspan Tarecpir HD and Kingspan Kooltherm FM

Advantages

- Fire resistance ≤ 120 minutes
- Tested up to Ø 315 mm
- CE-certified
- Environmentally and user-friendly
- Easy to install
- One product for all applications
- One fixing medium for all structures
- Can be used anywhere thanks to its 30-mm height
- Also tested for non-standard applications
- User manual and all fasteners in one
- Damp, fungi and bacteria-resistant
- Halogen-free
- Working life of 30 years

Applications

- CLT (wooden) and rigid floors
- CLT (wooden) and rigid walls
- Flexible walls
- Shaft walls
- Firestop Boards

Technical data

Colour stainless steel band + inlay	Stainless steel + Anthracite
Application temperature	+5 °C to +50 °C
Temperature resistance	-20 °C to +80 °C
Reaction to fire	Class E in accordance with EN 13501-1

Packaging

	Dimensions	Box	Outer box	Pallet	Article number
Roll (174 segments)	2610 x 30 x 12 mm	1 piece	8 pieces	384 pieces	206001174

Accessories (included)

- 20 pieces of Multiclips, 30 mm
- 20 pieces of Multiscrews 7.5 x 40 mm

- 1 piece of Multibit T30
- 6 pieces of Conformity Statement

Accessories (available separately)

Multiclip Set
20 pcs. Multiclip, 30 mm
20 pcs. Multiscrew 7.5 x 40 mm
1 pcs. Multibit T30
Article number 802060001

Multiclip Set L
20 pcs. Multiclip L, 60 mm
20 pcs. Multiscrew 7.5 x 40 mm
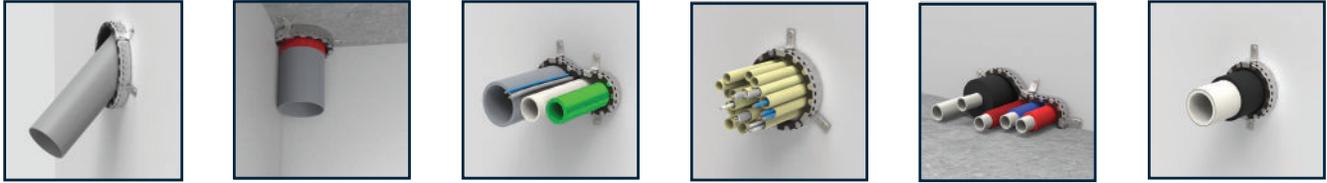1 pcs. Multibit T30
Article number 802060002

Conformity Statement
Contents 6 pcs.
Article number 802060104

Multiscrew FB
20 pcs. Multiscrew FB, 40 mm for assembly on firestopping boards
Article number 802060005

Usage table for plastic pipes

Ø Pipe [mm]	Segments	Multiclip	Multiclip Large	Quantity/roll
16-40	15	2		11
50	17	2		10
56	18	2		9
63	19	2		9
75	22	2		7
80	23	2		7
90	25	2		6
100	27	3		6
110	29	3		6
125	32	3		5
140	36	3		4
160	40	4		4
200	48 (x2)	1	5	3 (1.8)
250	59 (x2)	2	5	2 (1.4)
315	72 (x2)	2	6	2 (1.2)

The remaining segments of the Multicollar Slim on the roll can simply be linked up using the enclosed Multiclips, thus enabling maximum use of the Multicollar Slim.

Please contact your Mulcol contact for applications of plastic pipes and for the consumption overview of metal and aluminium composite pipes, aluminium flue gas discharge pipes and insulated pipes.

Technical documents available

- ✓ Product Data Sheet (PDS)
- ✓ Technical Data Sheet (TDS)
- ✓ Safety Data Sheet (SDS)
- ✓ Installation Manual
- ✓ CE certificate

Approvals

- ✓ Tested in accordance with EN 1366-3
- ✓ Classification in accordance with EN 13501-2
- ✓ Certified in accordance with EAD 350454-00-1104
- ✓ Tested in accordance with NEN 6075 (Smoke-resistance)
- ✓ ETA report 24/0330
- ✓ Declaration of Performance (DoP)

The above documents are available from your Mulcol contact or via **www.mulcol.com**

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