

# ROKU® System FSC 4

## Fire resistance rating:

EI 120 / 240 according to EN 13501

## Approvals:

Europe: ETA-15/0907



## Description

The ROKU® System FSC 4 consists of a solid metal sleeve which is equipped with several layers of the intumescent material ROKU® Strip EM. In the event of a fire, the intumescent material expands and thus seals the opening hermetically against flames and smoke. For wall installations one pipe collar on each side of the wall and for floor installations one collar on the underside of the floor must be provided.

## Applications

- Sealing of plastic pipes up to max. Ø 160 mm in solid walls, drywall partitions and solid floors

## Advantages

- Fire resistance rating up to EI 240
- Easy and excellent usability

## Supplied form

| FSC 4 fire protection collar |            |               |            | Accessories         |            |
|------------------------------|------------|---------------|------------|---------------------|------------|
| Diameter (mm)                | Art.-No.   | Diameter (mm) | Art.-No.   | Article description | Art.-No.   |
| 50                           | 0708000500 | 160           | 0708001600 | Label               | 0750050060 |
| 63                           | 0708000630 |               |            |                     |            |
| 75                           | 0708000750 |               |            |                     |            |
| 90                           | 0708000900 |               |            |                     |            |
| 110                          | 0708001100 |               |            |                     |            |
| 125                          | 0708001250 |               |            |                     |            |
| 140                          | 0708001400 |               |            |                     |            |

## Technical data

Max. Outside diameter 160 mm

Suitable subsoils ■ Solid walls ≥ 100 mm ■ Drywall partitions ≥ 94 mm ■ Solid floors ≥ 150 mm

Suitable pipes

- aquatherm green pipe MS
- COES Bluepower
- Geberit Silent-PP
- PVC-U
- PE
- PP
- POLO-KAL NG
- REHAU RAUPIANO PLUS
- TRIPLUS 3 layer soundproof pipe
- Uponor MLC pipe white
- Wavin SiTech

### Application walls

| Type of pipes                   | Pipe diameter (mm) | Pipe wall thickness (mm) | Fire resistance rating |
|---------------------------------|--------------------|--------------------------|------------------------|
| PVC                             | ≤ 160              | 1,8 - 12,3               | EI 120 U/C             |
| PE                              | ≤ 110              | 1,8 - 10,0               | EI 120 U/C             |
| PP                              | ≤ 160              | 1,8 - 14,6               | EI 90/120 U/C          |
| COES Bluepower                  | ≤ 110              |                          | EI 120 U/C             |
| Wavin SiTech                    | ≤ 110              |                          | EI 90/120 U/C          |
| Geberit Silent-PP               | ≤ 110              |                          | EI 90/120 U/C          |
| POLO-KAL NG                     | ≤ 160              |                          | EI 90/120 U/C          |
| REHAU RAUPIANO PLUS             | ≤ 160              |                          | EI 120 U/C             |
| TRIPLUS 3 layer soundproof pipe | ≤ 110              |                          | EI 120 U/C             |
| aquatherm green pipe MS         | ≤ 110              |                          | EI 120 U/C             |

### Application floors

| Type of pipes           | Pipe diameter (mm) | Pipe wall thickness (mm) | Fire resistance rating |
|-------------------------|--------------------|--------------------------|------------------------|
| PVC                     | ≤ 160              | 1,8 - 12,3               | EI 120/240 U/C         |
| PE                      | ≤ 160              | 1,8 - 14,6               | EI 120/240 U/C         |
| PP                      | ≤ 110              | 1,8 - 10,0               | EI 180/240 U/C         |
| Wavin SiTech            | ≤ 160              |                          | EI 60/120 U/C          |
| Geberit Silent-PP       | ≤ 110              |                          | EI 120 U/C             |
| POLO-KAL NG             | ≤ 110              |                          | EI 90/120 U/C          |
| aquatherm green pipe MS | ≤ 110              | 2,2 - 15,2               | EI 120 U/C             |
| Uponor MLC pipe white   | ≤ 110              | 4,5 - 10,0               | EI 90/120 U/C          |