

# Single Elbow 15°

## CIS21



### Features and Benefits

- Excellent acoustic properties
- Fully recyclable
- High durability and abrasion resistance
- Optimum corrosion protection
- Sturdy and dimensionally stable
- Rapid and simple assembly

### Material Specifications

Description	Materials
Core	Grey Cast Iron with lamellar graphite
Coating	Cross-linked red-brown colour resin epoxy coating (40 µm)

### Product Codes and Dimensions

STOCK NO.	Nominal Diameter (mm)	X (mm)	Weight (KG)
52047 *	50	40	0.40
52048 *	70	45	0.60
52049	100	50	1.00
52050 *	125	60	1.80
52051	150	65	2.60
52052	200	80	4.60

\* Special Order / Project Items

### Technical Data

- Reaction to fire according to EN 13501: A2. (Non combustible)
- Chemical resistance to wide range: pH2 to pH12
- Tensile strength:  $\geq 150$  MPa
- Compression strength:  $\geq 450$  MPa
- Shear strength:  $\geq 165$  MPa
- Density: approx. 7.2 kg/dm<sup>3</sup> (71.5 kN/m<sup>3</sup>)
- Acoustic rated according to EN 14366:2005
- Low thermal expansion (0.0105 mm/mK)

### Applicable Standards

- Pipe and Fittings Standard: EN 877
- Design Standard: DIN 19522
- Quality standard: RAL-GZ 698

