

Composite ring



| Version | References |
|---------|------------|
| KOREX | CDKR60EF-J |

The color of the ring depends on the type of product chosen.

The composite ring of base of manhole covers ensures a great strength to the constraints of traffic, with crushing, with abrasion and et tiredness on a broad temperature range.

It is composed of a polyethylene – polypropylene mixture.

The comparative results carried out in laboratory show the following results:

| Criterion | Improvement compared to the polyethylene ring | |
|---------------------------------|---|--------------------|
| Breaking strength | 19,6 Mpa against 11,5 Mpa | + 70 % |
| Behaviour with abrasion | Weight loss : 3,45 % against 10 % | Multiplied by 3 |
| Temperature : Performance range | Of - 20 °C with + 70 °C | |
| Behaviour with tiredness | 5000 cycles against 1900 | Multiplied by 2, 6 |

The both principles criteria which influence over the shelf life of the ring in use (tire and rupture) were considerably improved and the broad beach of use in temperature satisfied to all climatic conditions. It's necessary to be ensured, during the handling of covers and notably before the closing, that the composite ring is free from dirtinesses and to clean if it's necessary.

The presence of dirtinesses (for example small stones) between the cover and the ring involves the premature degradation of this one.

In the event of degradation, it's imperative to change the ring quickly.

The change is carried out by unsnapping of degraded ring and reinstallation of a new ring adapted to the manhole cover.

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