



# **EP-SERIES**

# **MAINTENANCE MANUAL**

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Maintenance of In-Situ Safety Barriers

CONFIDENTIAL!



## List of revisions

Revision	Date	Description	Author	Remarks
Rev.0	2017-10-31	First initialisation	LEH	



### NOTE!

This information was created in German language. Translation errors and omissions excepted. This document is subject to modification.

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## 1 Maintenance for EP-Series In-Situ Barriers

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In general In-situ safety barriers of the EP-series are maintenance-free. When manufactured in accordance with the appropriate casting manual, a durability of more than 50 years can be assumed. In case of special installation situations, however, a regular check and, if necessary, maintenance can improve the function of the safety barrier.

### 1.1 Regular Checks for EP-Series In-Situ Barriers

A regular (e.g. annual) visual inspection of the surface of the concrete is recommended in order to be able to detect any cracks which may occur and to close them if necessary. For dealing with possibly occurring cracks see chapter *EP-REP (Repair)* of the respective casting manual.

In the case of installation with drainage openings, a regular (e.g. annual) visual inspection of the drainage openings is recommended to prevent possible blockage by dirt, waste or foliage. If necessary, the drainage openings have to be appropriately cleaned to ensure their function.

### 1.2 Repair procedures for damaged EP-Series In-Situ Barriers

In the case of damages on the EP series in-situ safety barriers, the repair instructions in the chapter *EP-REP (Repair)* of the respective casting manual has to be followed.

## 2 Additional information

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### 2.1 Normative references

- ▶ EN 1317-1: 2010 Road restraint systems, Terminology and general criteria for test methods
- ▶ EN 1317-2: 2011 Road restraint systems, Performance classes, impact test acceptance criteria and test methods for safety

### 2.2 Documents to apply

- ▶ Casting Manuals for EP 80B-E, EP80Ba, EP 80Bs, EP 80BAS-E, EP 80BAS-R and EP 100E
- ▶ Appendix to the Casting Manuals: Installation with drainage openings

### 2.3 Internet

- ▶ For detailed information, photos and videos of crash tests please visit [www.deltabloc.com](http://www.deltabloc.com)

### 2.4 Impress

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