

MAINTENANCE MANUAL

REBLOC[®] ROAD RESTRAINT SYSTEMS

for:

REBLOC RB80L_4_N2/W4

REBLOC RB80_8_N2/W3

REBLOC RB80_8_H1/W4

REBLOC RB80H_8_H2/W5

REBLOC RB85BF_8_T3/W1

REBLOC RB85BFS_8_T3/W2

REBLOC RB100_8_H2/W5

REBLOC RB100_8_H4b/W6

REBLOC RB100_2_H2/W5

REBLOC RB100H_2_H3/W6

REBLOC RB110_8_H4b/W6



1. General

The REBLOC[®] road restraint system is very maintenance friendly. There are no required loose parts and accessories, and the connecting coupling is integrated into the element. For the same reason the REBLOC[®] system provides maximum safety against vandalism. In general no regular maintenance work is required.

Maintenance work may be necessary after the occurrence of a vehicle(s) impact. Depending on the severity of the impact between the vehicle(s) and the REBLOC[®] safety barrier there are various scenarios:

- 1) If there are just scratches and / or abrasion marks visible but no cracks and no deflection of the system no maintenance / repair works is necessary.
- 2) If there is no damage / crack formation visible, nevertheless the system has been displaced, it is sufficient to replace the effected barriers in their original location (see installation instructions).
- 3) If there are cracks with a width > 0,2mm or parts of the reinforcement exposed because of concrete spalling the functionality of the barrier is ensured. Nevertheless to ensure long term performance the affected barriers must be replaced or refurbished.
- 4) When there are severe cracks and / or severe concrete spalling and / or damage / deformations are visible to the connection coupling, so that the barrier system functionality can no longer be guaranteed, the effected safety barriers elements must immediately be replaced.
- 5) In the case of the RB80H_8 it must be additionally checked after an impact, if damages appear in the area of the tongue and groove. If so, the respective elements need to be replaced.
- 6) After an impact at the REBLOC NB-product range, it needs to be checked, if the elastomer bearings are still in position. If not, the noise barrier elements need to be lifted with a suitable crane and the elastomer bearings need to be repaired or replaced. Damaged absorbers do not influence the function of the vehicle restraint system. In this case the noise barrier elements or single absorber blocks can be replaced, to avoid an optical or acoustic impairment.

The above also applies to the safety barrier system terminal elements and their anchoring system. It is extremely important in cases of potential damage to the anchoring foundation to inspect the anchoring bolts and the anchoring plate.



system lightly displaced



abrasion marks, system not damaged

2. Applicable Documents

Data sheet REBLOC RB80L_4_N2/W4
Data sheet REBLOC RB80_8_N2/W3
Data sheet REBLOC RB80_8_H1/W4
Data sheet REBLOC RB80_4T
Data sheet REBLOC RB80_7T
Data sheet REBLOC RB80H_8_H2/W5
Data sheet REBLOC RB80H_4T
Data sheet REBLOC RB80H_7T
Data sheet REBLOC RB85BF_8_T3/W1
Data sheet REBLOC RB85BFS_8_T3/W2
Data sheet REBLOC RB85BF_4T
Data sheet REBLOC RB80_100_4
Data sheet REBLOC RB100_8_H2/W5
Data sheet REBLOC RB100_8_H4b/W6
Data sheet REBLOC RB100_2_H2/W5
Data sheet REBLOC RB100H_2_H3/W6
Data sheet REBLOC RB100_4T
Data sheet REBLOC RB110_8_H4b/W6