

MAINTENANCE MANUAL

REBLOC[®] ROAD RESTRAINT SYSTEMS

REBLOC RB50_12_T3/W2
REBLOC RB50H_4_T3/W2
REBLOC RB50H_12_T3/W1
REBLOC RB60_12_T3/W2
REBLOC RB60_6_T3/W2
REBLOC RB60H_12_N2/W4
REBLOC RB80S_12_T3/W2
REBLOC RB80S_12_N2/W4
REBLOC RB80S_12_H1/W4
REBLOC RB80SA_4_N2/W4
REBLOC RB80SA_4_T3/W2
REBLOC RB80SA_12_N2/W1

1. General

The REBLOC[®] road restraint system is very maintenance friendly. There are no required loose parts or accessories, the connecting coupling, the steel shoes at the element ends and the elastomer pads under the support feet are all 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 scratch 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 > 0,2 mm or parts of the reinforcement exposed because of concrete spalling the functionality of the barrier is ensured. Nevertheless the affected barriers must be replaced or refurbished.



- 4) When there are severe cracks (> 2 mm), severe concrete spalling, visible damage / deformations to the connection coupling, partial / complete removal of the elastomer pad or the steel shoe, the barrier system functionality can no longer be guaranteed. The effected safety barriers elements must be immediately replaced.



2. Environmental Recycling

The disposal of a REBLOC[®] Safety Barrier unit should incorporate all appropriate recycling principles. The steel parts (steel shoes, reinforcement bars and the couplings) and the elastomer pad EB240 should be mechanically separated from the concrete. Each material type being environmentally recycled through approved recycling companies.

3. Applicable Documents

Datasheet REBLOC RB50_12_T3/W2
Datasheet REBLOC RB50H_4_T3/W2
Datasheet REBLOC RB50H_12_T3/W1
Datasheet REBLOC RB60_12_T3/W2
Datasheet REBLOC RB60_6_T3/W2
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Datasheet REBLOC RB80SA_12_N2/W1

incl. all datasheets of special elements of the respective system