

7. Durability

Concrete C30/37 is used in the REBLOC[®] Safety Barrier Systems, the concrete cover is as indicated by EN 13369 / EN 1992-1-1. The concrete exposure class is dictated by the climate and local environmental conditions.

In north and central Europe where the application of thawing salt occurs in the winter season the concrete class XF4 according to EN 206 is applied.

All exposed steel parts, in particular the connection coupling are hot-dipped galvanized in accordance with EN ISO 1461.

In accordance with the evaluation methods EN ISO 1461 and EN 206-1 REBLOC[®] Safety Barriers can be considered to have a life cycle of twenty-five to thirty years depending on the weather and environmental conditions.

8. Environmental Recycling

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

There are no regulated substances within the REBLOC[®] road restraint system.

9. Applicable Documents

Data sheet REBLOC RB80A_8_H2/W1

Data sheet REBLOC RB80A_2EXM