



REBLOC RB80S_12 TL-3

REBLOC[®]
Concrete Barriers

SWC25

SHEET NO.

DATE

1 of 2

04/10/2025

INTENDED USE

The REBLOC RB80S_12 freestanding portable concrete traffic barrier is easy to transport and quick to install. The barrier system provides positive protection for workers in a work zone and can also be used as a median barrier to separate travel lanes and on shoulders to shield roadside hazards and drop-offs. It is intended for use on asphalt and concrete roadways.

The RB80S_12 is a reinforced concrete barrier 31 ½ inches (80 cm) tall with a narrow (11 ¾ inch [30 cm]) footprint. The barrier is provided in 39 ft-4 ½ in (12 m) lengths, weighing approximately 6614 lbs (3000 kg).

The RB80S_12 barrier is freestanding and requires terminal elements at each end of the installation for anchorage. Each terminal element is 13 ft-1 in (4 m) long and provides a gradual transition from the narrow REBLOC profile to F-shape and is anchored using four screwbolts. The screwbolt anchors are removable and reusable. The system requires no epoxy or additional hardware.

The connecting coupling of the RB80S_12 barrier system is fully integrated into the safety barrier. No auxiliary or additional parts are required. It has been tested to the Manual for Assessing Safety Hardware (MASH) Second Edition at Test Level 3 and has received eligibility from the Federal Highway Administration to be used on the National Highway System. It is essential that only approved REBLOC barrier sections are connected with each other to ensure the installation is in accordance with MASH.

The REBLOC RB80S_12 is compatible with the RB80S_4CRC Terminal Unit, which provides end anchorage and a transition to a variety of MASH-compliant crash cushions.

APPROVALS

The REBLOC RB80S_12 freestanding temporary concrete barrier has been fully tested in conformance with MASH 2016 Test Level 3 and determined eligible for federal reimbursement by the FHWA.

FHWA Eligibility Letter: B-301, February 15, 2018

REFERENCES

MIRA Test Report 1214221-001-01, September 21, 2017 (MASH Test 3-10)
MIRA Test Report 1214221-002-01, September 21, 2017 (MASH Test 3-11)

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2 of 2

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