



REBLOC 80SAH_12 TL-4

REBLOC[®]
Concrete Barriers

SWC28d

SHEET NO.

1 of 2

DATE

04/10/2025

INTENDED USE

The REBLOC 80SAH_12 Standard Deflection 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 80SAH_12 is a heavily 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 7209 lbs (3270 kg).

The 80SAH_12 barrier is freestanding and only anchored at the beginning and end of the installation using four screwbolts in each of the end barrier sections. The screwbolt anchors are removable and reusable. The system requires no epoxy or additional hardware.

The connecting coupling of the 80SAH_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 4 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 80SAH_12 is compatible with the 80SAH_80FA_6 transition element, which provides a 19 ft-8 in (6 m) transition from the narrow REBLOC profile to an F-shape, allowing for a standard connection to a variety of MASH-compliant crash cushions.

APPROVALS

The REBLOC 80SAH_12 freestanding temporary concrete barrier has been fully tested in conformance with MASH 2016 Test Level 4 and determined eligible for federal reimbursement by the FHWA.

FHWA Eligibility Letter: B-387, August 30, 2024

REFERENCES

CTS Test Report 12184-3272-19563-EN, February 16, 2022 (MASH Test 4-12)

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