



REBLOC 80SAH_12 Transition to 80SAH_12_8B TL-3

REBLOC[®]
Concrete Barriers

SWC28c

SHEET NO.

1 of 2

DATE

04/10/2025

INTENDED USE

The REBLOC 80SAH_12 Standard Deflection and 80SAH_12_8B Minimum Deflection portable concrete traffic barriers are 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 and 80SAH_12_8B are heavily reinforced concrete barriers 31 ½ inches (80 cm) tall with a narrow (11 ¾ inch [30 cm]) footprint. The barriers are 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, whereas the 80SAH_12_8B is fully anchored throughout the installation using eight screwbolts in each barrier section. The screwbolt anchors are removable and reusable. The system requires no epoxy or additional hardware.

The connecting coupling of the 80SAH_12 and 80SAH_12_8B barrier system is fully integrated into the safety barrier. No auxiliary or additional parts are required. The transition between freestanding and anchored configurations 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 80SAH_12 and the 80SAH_12_8B are 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 Transition to the 80SAH_12_8B anchored 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-362, August 27, 2021

REFERENCES

CTS Test Report 12184-3272-19442-EN, November 17, 2020 (MASH Test 3-21)

REBLOC 80SAH_12 Transition to 80SAH_12_8B TL-3

SWC28c

SHEET NO.

DATE

2 of 2

04/10/2025

REBLOC[®]
Concrete Barriers