



REBLOC 120FA_6_SF TL-3

REBLOC[®]
Concrete Barriers

SWC29a

SHEET NO.

1 of 2

DATE

04/10/2025

INTENDED USE

The REBLOC 120FA_6_SF 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 120FA_6_SF is a heavily reinforced concrete barrier 47 ¼ inches (120 cm) tall and 24 ¼ inches (62 cm) wide at the base with a profile similar to an F-shape. The barrier is provided in 19 ft-8 ¼ in (6 m) lengths, weighing approximately 11023 lbs (5000 kg).

The 120FA_6_SF 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 120FA_6_SF barrier system is fully integrated into the safety barrier. Additional structural integrity is provided by a shear force beam connecting adjacent barrier sections at the base. 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 120FA_6_SF is compatible with the 80F_120FA_6 transition element, which provides a 19 ft-8 in (6 m) transition from the 47 ¼ inch (120 cm) to 31 ½-inch (80 cm) F-Shape barrier height allowing for a standard connection to a variety of MASH-compliant crash cushions.

APPROVALS

The REBLOC 120FA_6_SF 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-363, May 10, 2022

REFERENCES

CTS Test Report 12184-3272-19508-EN, September 27, 2021 (MASH Test 3-10)

CTS Test Report 12184-3272-19509-EN, September 27, 2021 (MASH Test 3-11)

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