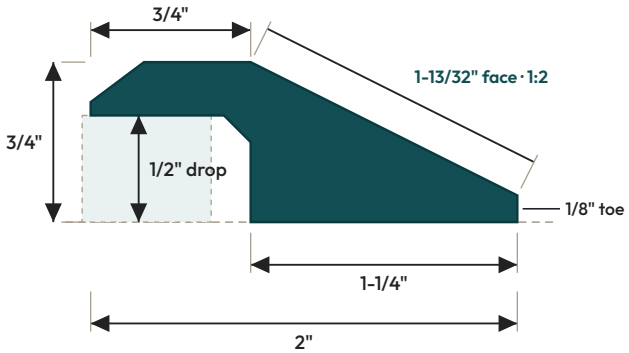
Low-Slope Overlap Reducer

New profile submittal · Rev D · 11/12/2026 · drawn from shop sketch · 1 pc each, 12' stock

A stepped overlap reducer with a straight ramp. The 3/4" lip rides on the finished floor and hides its cut edge; the ramp body bears on the subfloor and eases the change in level down to a 1/8" toe. Pick the size by the floor being reduced: the drop under the lip equals the nominal floor thickness.

PROFILE 01 UW9894 · Low-Slope Overlap Reducer · 3/4" × 2" · 1/2" drop



CROSS-SECTION · ENLARGED ABOUT 1.1× · SEE PAGE 3 FOR A 1:1 TEMPLATE

OVERALL WIDTH
2"

OVERALL THICKNESS
3/4"

OVERLAP LIP
3/4" W × 1/4" T

DROP · FLOOR CLEARANCE
1/2"

RAMP RUN
1-1/4"

RAMP FACE
1-13/32" (1.40")

SLOPE
5/8" over 1-1/4" · 1:2 · 26.6°

TOE EDGE
1/8"

REDUCES FLOOR OF
1/2" nominal

LIP NOSE
Bevel · 1/4" run × 3/16" rise · proposed

REBATE RELIEF
1/8" × 45° chamfer, inside corner · drop unchanged

LENGTH · QUANTITY
12' stock · 1 pc

PART NUMBERS
UW9894RO Red Oak · UW9894WO White Oak · UW9894HK Hickory · UW9894MP Maple

NOT ADA COMPLIANT · NOT FOR AN ACCESSIBLE ROUTE

The top of the lip stands 3/4" above the lower floor, over the 1/2" that 2010 ADA §303 lets a bevel cover (§303.4 calls for a 1:12 ramp beyond that). The ramp is exactly 1:2 and the lip nose 1:1.33, so it does not meet the §404.2.5 exception for an existing or altered doorway threshold either. On an accessible route, use the UW9903 flush bevel reducer for a 1/2" difference.

APPLICATION

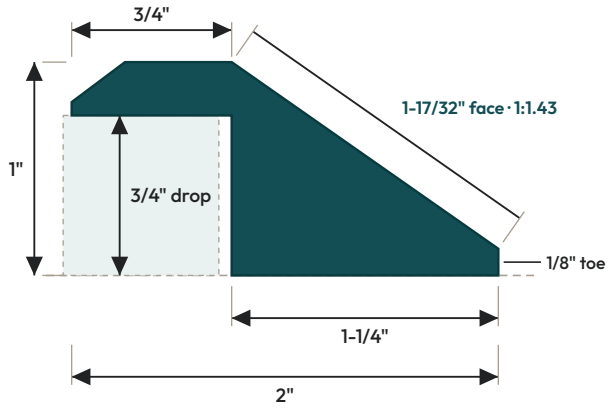
Fasten the ramp body to the subfloor only; leave the lip free over a floating floor so the floor can move. Profile 01 reduces a 1/2" nominal floor. Ramp face and slope are computed from the drawn run (1-1/4") and rise (thickness less the 1/8" toe). The lip-nose bevel is not dimensioned on the sketch; 1/4" × 3/16" is proposed.

Low-Slope Overlap Reducer

New profile submittal · Rev D · 11/12/2026 · drawn from shop sketch · 1 pc each, 12' stock

A stepped overlap reducer with a straight ramp. The 3/4" lip rides on the finished floor and hides its cut edge; the ramp body bears on the subfloor and eases the change in level down to a 1/8" toe. Pick the size by the floor being reduced: the drop under the lip equals the nominal floor thickness.

PROFILE 02 UW9890 · Low-Slope Overlap Reducer · 1" × 2" · 3/4" drop



CROSS-SECTION · ENLARGED ABOUT 1.1× · SEE PAGE 3 FOR A 1:1 TEMPLATE

OVERALL WIDTH 2"	SLOPE 7/8" over 1-1/4" · 1:1.43 · 35.0°
OVERALL THICKNESS 1"	TOE EDGE 1/8"
OVERLAP LIP 3/4" W × 1/4" T	REDUCES FLOOR OF 3/4" nominal
DROP · FLOOR CLEARANCE 3/4"	LIP NOSE Bevel · 1/4" run × 3/16" rise · proposed
RAMP RUN 1-1/4"	LENGTH · QUANTITY 12' stock · 1 pc
RAMP FACE 1-17/32" (1.53")	PART NUMBERS UW9890RO Red Oak · UW9890WO White Oak · UW9890HK Hickory · UW9890MP Maple

NOT ADA COMPLIANT · NOT FOR AN ACCESSIBLE ROUTE

The top of the lip stands 1" above the lower floor, double the 1/2" limit of 2010 ADA §303, and the ramp is 1:1.43, steeper than the 1:2 any bevel may be. No moulding makes a 3/4" difference compliant; on an accessible route, bring it down to 1/2" and use the UW9903 flush bevel reducer.

APPLICATION

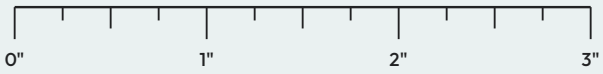
Fasten the ramp body to the subfloor only; leave the lip free over a floating floor so the floor can move. Profile 02 reduces a 3/4" nominal floor. Ramp face and slope are computed from the drawn run (1-1/4") and rise (thickness less the 1/8" toe). The lip-nose bevel is not dimensioned on the sketch; 1/4" × 3/16" is proposed.

Full-Scale Template

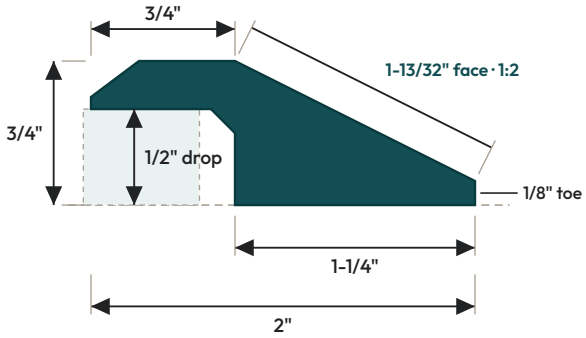
Low-Slope Overlap Reducer · both profiles at 1:1 · Rev D · 11/12/2026

PRINT AT 100%

Set the print dialog to Actual Size / 100% scale and turn off Fit to Page. Then lay a tape on the check bar below: it must read exactly 3". If it does not, the page has been rescaled and the profiles are not true.

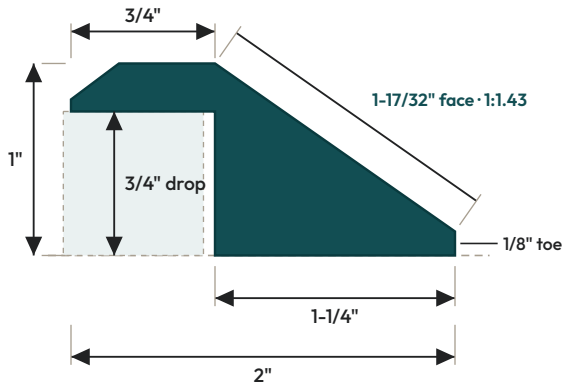


PROFILE 01 UW9894 · Low-Slope Overlap Reducer · 3/4" × 2" · 1/2" drop



CROSS-SECTION · ACTUAL SIZE · 1" = 1"

PROFILE 02 UW9890 · Low-Slope Overlap Reducer · 1" × 2" · 3/4" drop



CROSS-SECTION · ACTUAL SIZE · 1" = 1"