

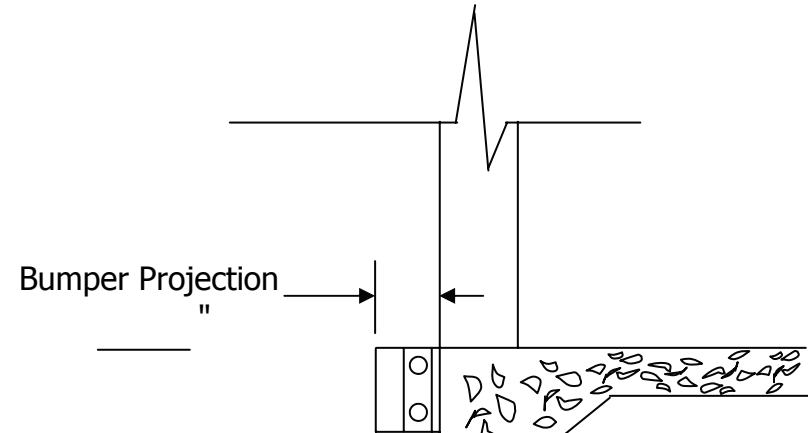


BASIC GUIDELINES FOR BUMPERS & TAPERED SEALS—DECLINE/INCLINE APPROACH

(Field conditions may vary / Special conditions could change bumper projection - Consult factory)

Decline Approach *		
% Grade	Bumper Projection	Seal Projection *
0%	4"	10"
1%	6"	10" or 12"
2%	6"	8" / 10" or 10" / 12"
3%	9"	11" / 14"
4%	9"	10" / 14"
5%	10-1/2"	11" / 16"
6%	10-1/2"	10" / 16"
7%	12"	9" / 16" or 11" / 18"
8%	12"	8" / 16" or 10" / 18"
9%	15"	11" / 20"
10%	15"	10" / 20"

Note: * Reverse projection for Incline Approach.



Grade Formula

Note: % Grade = $\frac{A}{B}$ **A** = _____ " **B** = _____ " **Grade** = _____ %

