

Section 4131. Porous Backfill Material

4131.01 DESCRIPTION.

Gravel or crushed stone.

4131.02 GRADATION.

Meet the requirements of Gradation No. 29 of the Aggregate Gradation Table, [Article 4109.02](#).

4131.03 QUALITY.

No visible clay lumps, friable particles, and clay coatings. Meet the requirements of Table 4131.03-1:

Table 4131.03-1: Aggregate Quality (Porous Backfill Material)

Aggregate Quality	Maximum Percent Allowed	Test Method
Abrasion	50	AASHTO T 96
Alumina ^(a)	0.7	Office of Materials Test Method No. Iowa 222
A Freeze	10	Office of Materials Test Method No. Iowa 211, Method A
Shale	5	Materials I.M. 345
(a) If the Alumina value fails, determine the A Freeze value for specification compliance. Office of Materials Test Method No. Iowa 222 does not apply to gravel.		