

Product Description

Flexible Base (TxDOT Item 247) — Crushed River Rock

The flexible base furnished is a dense-graded blend of durable crushed aggregate and natural fines produced to meet the requirements of TxDOT Item 247 Type A – Grade 1&2 Base. Its angular particle structure and controlled fines content develop strong mechanical interlock, high compacted density, and excellent load distribution providing a stable, well-compacted foundation layer beneath pavements and structures.

Typical Applications

Roadway base and sub-base layers High-density structural support	Parking lots, driveways, access roads Stable working surface
Working pads and haul roads Heavy-traffic construction use	Structural fill Controlled fines, non-plastic behavior

Gradation — TxDOT Item 247 Master Gradation (Tex-110-E)

Sieve Size	Cumm. % Retained	Required Cumm. % Retained
2½ in.	0	0
1¾ in.	0	0-10
7/8 in.	16	10-35
3/8 in.	59	30-65
No. 4	72	45-65
No. 40	90	65-90
No. 200	95	85-95

Material Specifications

Aggregate Quality Requirements	Test Method	Result	Item 247 Requirement
Liquid Limit, %	Tex-104-E	N.P. = 0	40 Max
Plasticity Index	Tex-106-E	N.P. = 0	10 Max
Wet Ball Mill, %	Tex-116-E	36	40 max (Gr 1-2)
Wet Ball Mill, % increase passing No. 40	Tex-116-E	6	20 max (Gr 1-2)