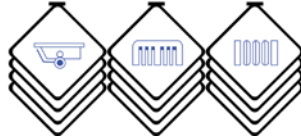




EMULSICOAT, INC.



Recommended Mixing and Compaction Temperatures for Performance Graded (PG) Binders

The laboratory mixing and compaction temperature ranges for unmodified PG Binders were determined using the viscosity guidelines set forth in the Asphalt Institute Superpave Mix Design (SP-2).

Unmodified PG Binders

Binder Grade	Mixing Temperature Range, °F	Compaction Temperature Range, °F
PG 52-28	283 - 292	261 - 270
PG 58-22	302 - 315	275 - 286
PG 58-28	295 - 306	271 - 281
PG 64-22	300 - 311	280 - 289

The laboratory mixing and compaction temperature ranges for modified PG Binders were estimated based on manufacturing and field experience.

Modified PG Binders

Binder Grade	Mixing Temperature Range, °F	Compaction Temperature Range, °F
PG 64-28	305 - 320	285 - 300
PG 70-22	310 - 325	295 - 310
PG 70-28	315 - 330	295 - 310
PG 76-22	325 - 335	300 - 315
PG 76-28	325 - 340	305 - 320

These are general guidelines, you should consult you asphalt supplier representative for further information or questions.