

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
QUALIFIED PRODUCTS LIST 77 FOR
WARM MIX ASPHALT ADDITIVES AND FOAMING PROCESSES

The following manufacturers listed either manufacture equipment used in foaming asphalt binders or manufacture additives that can be introduced into the asphalt binder or through other various production methods in order to produce a Warm Mix Asphalt (WMA) mixture. All WMA processes or additives listed comply with the Qualified Product Policy 77.

| COMPANY / PRODUCT NAME | PROCESS (FOAMING / ADDITIVE) |
|--|---|
| ASTEC DOUBLE BARREL GREEN | FOAMING UNIT ON PLANT |
| MAXAM AQUABLACK | FOAMING UNIT ON PLANT |
| INGEVITY EVOTHERM (M1-A / M1-B / M86 / U3 / P25)* | ADDITIVE TERMINALLY BLENDED WITH PG BINDER |
| NOURYON REDISSET LQ 1102C* | ADDITIVE TERMINALLY BLENDED WITH PG BINDER |
| AD-HERE ULTRA-1* AD-HERE ULTRA 2C* | ADDITIVE TERMINALLY BLENDED WITH PG BINDER |
| ZYCOTHERM* ZYCOTHERM-SP2* | ADDITIVE TERMINALLY BLENDED WITH PG BINDER |
| CARGILL ANOVA 1501 WMA | ADDITIVE TERMINALLY BLENDED WITH PG BINDER |
| FASTAC* | ADDITIVE TERMINALLY BLENDED WITH PG BINDER |
| TRI STATE SAND LLC – LAS 100 WM* | ADDITIVE TERMINALLY BLENDED WITH PG BINDER |

*Note => Works as a Liquid Anti-Strip Additive if mix is permitted by SC-M-402.

CONTACT: Kimberly Lyons, PhD, PE
Asphalt Materials Engineer
SCDOT - Office of Materials and Research
1406 Shop Road, Columbia, SC 29201
LyonsKR@scdot.org
803-394-4813