



# Warm-Mix Asphalt

---

## Material Producer List

Materials and Tests Division

## Warm-Mix Asphalt

The following Warm-Mix Asphalt (WMA) additives and processes are pre-approved for use on Department projects. For more information, contact the Materials and Tests Division's (MTD) Flexible Pavements Section at (512) 506-5976.

Approval requires the submittal of documentation from a minimum of three construction projects using the WMA technology, preferably a minimum of one in the State of Texas. Documentation must include a mixture design with mechanical property test results and Quality Control/Quality Assurance (QC/QA) test results measured during production. The following information must be included with the documentation:

- Contact name, telephone number, an email address;
- Product name and supplier;
- Dates of construction for each project;
- Control-Section-Job (CSJ) Number for each project, if available; and
- Location and highway for each project submitted.

Allow for 60 days to process the approval request, after submitting complete documentation to MTD. When requested other WMA products and technologies may also be accepted and approved, provided that the WMA products and technologies are recognized nationally by the Federal Highway Administration (FHWA), National Center for Asphalt Technology (NCAT), National Asphalt Pavement Association (NAPA), or by the WMA Technical Working Group (WMA TWG) as listed at <http://www.warmmixasphalt.com>.

WMA Technology	Process Type	WMA Supplier
Accu-Shear	Foaming Process	Stansteel
Advera (Synthetic Zeolite)	Chemical Additive	PQ Corporation
ALmix WarmWare	Foaming Process	ALmix
<b>ANOVA 1501</b>	<b>Chemical Additive</b>	<b>Cargill</b>
Aspha-Min (Synthetic Zeolite)	Chemical Additive	Aspha-Min
Astech PER (Hydrogreen)	Chemical Additive	Meridian Technologies
Cecabase RT	Chemical Additive	Arkema, Inc.
Delta S	Chemical Additive	Collaborative Aggregates LLC
Double Barrel Green	Foaming Process	Astec Industries, Inc.
Evoflex	Chemical Additive	Ingevity
Evotherm	Chemical Additive	
FASTAC-R	Chemical Additive	Green Asphalt Technologies

<b>WMA Technology</b>	<b>Process Type</b>	<b>WMA Supplier</b>
HydroFoam IEQ	Foaming Process	East Texas Asphalt Co., Ltd.
Maxam	Foaming Process	Maxam Equipment
QPR QualiTherm	Chemical Additive	QPR Quality Pavement Repair
Rediset LQ	Chemical Additive	AkzoNobel Surface Chemistry
Rediset WMX	Chemical Additive	
Sasobit	Organic Additive	Sasol Wax Americas, Inc.
Terex	Foaming Process	Terex Roadbuilding
Ultrafoam GX	Foaming Process	Gencor Industries
ZycoTherm	Chemical Additive	Zydex Industries