

**Oregon Department of Transportation  
APPROVED WARM MIX TECHNOLOGY**

When WMAC is used, select one of the WMAC Technologies and process and additive types listed below or approved by the Engineer:

<b>WMAC Technology</b>	<b>Process and Additive Type</b>	<b>Supplier</b>
LEA-CO	Foaming Process	Advanced Concepts Engineering Co.
Eco-Foam II	Foaming Process	AESCO/Madsen
Redi-Set WMX	Chemical Additive	Akzo Nobel Surfactants, Inc.
CECABASE RT	Chemical Additive	Road Science
Aspha-Min (Synthetic Zeolite)	Foaming Process	Aspha-Min
Double Barrel Green System	Foaming Process	Astec Industries
Green Machine	Foaming Process	Gencor Industries
HGrant Warm Mix System	Foaming Process	Herman Grant Company
Qualitherm	Chemical Additive	Iterchimica
Aquablack Warm Mix Asphalt	Foaming Process	Maxam Equipment Inc.
Low Emission Asphalt	Chemical Additive	McConnaughay Technologies
Evotherm	Chemical Additive	MeadWestvaco Asphalt Innovations
Meeker Warm Mix	Foaming Process	Meeker Equipment Corp. Inc.
Advera (Synthetic Zeolite)	Foaming Process	PQ Corporation
Sasobit	Organic Additive	Sasol Wax Americas, Inc.
Shell Thiopave	Chemical Additive	Shell
Accu-Shear Dual Warm-Mix Additive System	Foaming Process	Stainsteel
Tri-Mix Warm Mix Injection	Foaming Process	Tarmac Inc.
Warm Mix Asphalt System	Foaming Process	Terex Roadbuilding

Submit the proposed WMAC technology to be used and a plan for its implementation at the pre-construction conference.

Comply with the manufacturer's recommendations for incorporating additives and WMAC technologies into the mix. Comply with manufacturer's recommendations regarding receiving, storing, and delivering the additives.

Contact Pavement Services to evaluate any process or additive that is not included on this list.