

Opening the road to **innovation**

Quick and tough, Axys® mastic surface treatment combines the durability you want from a pavement maintenance application with the environmental sensitivity your stakeholders value.

Axys is a mixture of asphalt emulsion, fine aggregate, polymers and catalysts. Utilizing two formulas, **Axys – C1 M3** is designed for rapid dry times and **Axys – C2** is formulated for hot weather conditions. Axys protects your investment, minimizes future maintenance treatments and gets traffic back on your pavement, or parking area, more quickly.

Why You Should Insist On Axys®: **Speed to Open**

Axys mastic surface treatment has been engineered to develop early strength with shortened, predictable dry times. Using Axys minimizes the often unseen cost of downtime with faster application and return to traffic.

Clean

Axys is an asphalt technology that is safer for the environment and does not contain coal tar.

Color

Axys is consistently black and formulated to reduce ultraviolet damage to the pavement.

Engineered Toughness

Axys is a central plant manufactured technology that is formulated to maximize your asphalt's durability through permeability and color.

This manufacturing method allows for increased quality assurance and application without dilution. Axys consistently performs better than competitive products in the Wet Track Abrasion Test.

Axys has significantly higher loadings of unique polymers and catalysts that deliver the long-term performance you demand.



Innovations insider

Road Owner

Amberwood Subdivision

Contact

David Garrett – 972.458.2200

Amberwood Farms Property Manager

George E. Dupont – 214.232.5170

Amberwood Farms, HOA President

Scope of Project

1.6 miles, 22 ft. wide
residential pavement

Location

Amberwood Farms Subdivision
3530 Amberwood Lane
Prosper, TX

Date Placed

August 2013 & August 2014
(staged construction)

Prime Contractor

Pavecon Dallas

Rick Tuzinski – 972.263.3223

Material

Axys® Mastic Surface Treatment

Material Supplier

InVia Pavement Technologies
San Antonio Plant

Equipment Used

1 – Hand wand applicator

1 – 6,000 Gallon Portable Storage Tank



Left photo: Axys during application Right photos: Amberwood surfaces showing Axys longevity after one year

Challenge

This job needed to be accomplished with minimal disruption to the neighborhood's residents and access to their homes, so a fast return to traffic was essential for this Axys® mastic surface treatment application in Amberwood Subdivision. The fast dry time of Axys made it a good choice for this reason.

Process

In order to facilitate access to the resident's driveways, the Axys application was initiated after residents left for work in the morning and finished prior to them returning home. The crew closed off half of the street at time, facilitating a two-coat process. Work on the pavement was scheduled in 2 stages, with the back half of the subdivision being completed in 2013, and the front half being completed in 2014. Approximately 5000 gallons total were placed by hand wand application. A mobile storage tank (6,000 gallon) and 1,000-gallon spray unit were utilized.

Result

Amberwood Farms HOA President, George Dupont is pleased with the results, "After two blistering Texas summers and a week of ice storms the AXYS sealant still looks like the day it was applied. Quick application, dries in hours, seals the surface imperfections, and looks great! Our plan is to have Pavecon recoat the streets every 4-5 years to extend their usable life. We highly recommend both the product (Axys) and the applicator (Pavecon)."