

SEALERS

Introduction

CalStar pavers are intended to be a low-maintenance product. Occasional cleaning (see CalStar Technical Note “Cleaning Fly Ash Pavers”) can help maintain the distinct aesthetic of the fly ash pavers. Sealers are not necessary, but can be used to reduce the penetration of water, dirt, oil, and other agents that might soil, stain, or otherwise discolor the pavers.

Certain sealers can intensify the paver color and provide a “wet” look.

Sealing Fly Ash Pavers

See ICPI Tech Spec Number 5, “Cleaning, Sealing and Joint Sand Stabilization of Interlocking Concrete Pavement” for general information on sealing pavers, and basic categories of sealers (available on the CalStar website: www.calstarproducts.com). Please note that, although addressed in these ICPI notes, CalStar does not recommend the use of polymeric sand jointing materials.

Pavers must be thoroughly clean, dry, and free of dirt, debris, and all loose particles, prior to application of a sealer. Clean pavers according to CalStar Technical Note “Cleaning Fly Ash Pavers”. Let pavers dry for 24 hours after cleaning, prior to applying sealer.

Always test the sealer in an inconspicuous area, prior to applying to the entire installation. Apply sealer according to the manufacturer’s recommendations. A hand roller can be used on small areas. For larger areas, low-pressure spray, a power roller, or a squeegee might be more convenient. Be sure to protect all nearby vegetation from potential sealer runoff. Always wear appropriate personal protective equipment, including, but not limited to, gloves, long clothing, and safety glasses.

The following sealers are compatible with CalStar fly ash pavers:

- Techniseal EV Protector
- Techniseal iN Protector
- Techniseal WL4 Protector (provides a “wet” look)
- Other sealers may be acceptable. Test on an inconspicuous area to ensure they have satisfactory aesthetic performance.

It should be noted that some sealers might change the slip resistance of the CalStar pavers. Check with the sealer manufacturer, if this is a concern.

Sealers can eventually deteriorate and might need to be re-applied, if so desired. Thoroughly clean the area prior to reapplication of sealer. See CalStar Technical Note “Cleaning Fly Ash Pavers” for general cleaning information.

Note: As with all sealers and cleaning methods, slight changes to the appearance of the pavers might occur as a result of application.

Conclusion

Sealers, though not necessary or required, can be used with CalStar pavers to reduce the penetration of water, dirt, oil, and other agents that might soil, stain, or otherwise discolor the pavers. With proper care, CalStar pavers will provide a beautiful, long-lasting installation, and deliver both near-term and long-term environmental benefits.

The information contained in this note is based on the best experience of CalStar Products, Inc. While this note makes recommendations, good construction practices should always be followed. Ultimately, the responsibility to make sound technical judgments resides with the project stakeholders, including the owner, architect, engineer, and installer.

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