

Mapeplast Paver Plus

Water-Reducing Admixture

FOR PROFESSIONAL USE ONLY

DESCRIPTION

Mapeplast Paver Plus (formerly known as Polychem Paver Plus) is a normal-setting, multi-component, highly concentrated water-reducing admixture. *Mapeplast Paver Plus* will reduce the quantity of water required to produce concrete of a desired consistency while providing greater economy for a given strength. It will increase strength and improve workability and finishing characteristics. *Mapeplast Paver Plus* does not contain calcium chloride, and is compatible with air-entrained and non-air-entrained mixes. *Mapeplast Paver Plus* was specifically designed for concrete slip-form paving operations to extend haul time and maintain workability.

WHERE TO USE

Mapeplast Paver Plus can be used in all concrete where ease of placement, normal setting characteristics and increased workability are desired. *Mapeplast Paver Plus* is especially suitable for the production of:

- Paving and slip-form paving.
- Ready-mixed concrete.
- Flatwork.

ADVANTAGES

- Increased early and ultimate compressive and flexural strengths
- Improved workability and finishability
- Enhanced durability
- Improved bond to steel
- Reduced permeability

MIXING

Mapeplast Paver Plus is typically added with the initial mixing water or incorporated with the final mix water at the end of the batch sequence. *Mapeplast Paver Plus* can also be jobsite-added as necessary.

COMPATIBILITY WITH OTHER PRODUCTS

Mapeplast Paver Plus is compatible with most MAPEI admixtures. It is especially compatible with:

- High-range water-reducing admixtures manufactured by MAPEI.
- MAPEI-approved air-entraining admixtures.
- MAPEI-approved accelerators.
- MAPEI-approved retarders and slump extenders.
- MAPEI-approved viscosity-modifying admixtures.
- Silica fume.
- Fly ash and any other mineral addition.
- MAPEI-approved form-release agents.

DOSAGE RATES

Mapeplast Paver Plus is recommended for use at a dosage rate of 2 to 8 U.S. oz. per cwt (130 to 520 mL per 100 kg) of cementitious material.

Dosage rates outside of the suggested range should be tested before using in production. Contact MAPEI's Technical Services Department for assistance.

PACKAGING

Mapeplast Paver Plus is available by bulk delivery, in 55-U.S.-gal. (208-L) drums and 275-U.S.-gal. (1 041-L) totes.

Technical Data

Consistency	Liquid
Color	Brown
Density	10.01 lbs. per U.S. gal. (1.20 kg per L)
Primary function	Reduction of mix water
ASTM classification	C494, Type A
AASHTO classification	M194, Type A
Corrosivity	Non-corrosive. <i>Mapeplast Paver Plus</i> does not contain calcium chloride or other chloride-based components. Its use will not contribute to the increased corrosion of reinforcing steel in concrete.

STORAGE

Mapeplast Paver Plus can be stored for 1 year in original, sealed containers. Mapeplast Paver Plus may freeze at temperatures below 23°F (-5°C). If Mapeplast Paver Plus freezes, it can be thawed and reconstituted by mechanical agitation. Do not use pressurized air for agitation.

ADDITIONAL INFORMATION

Refer to the SDS for specific data related to health and safety as well as product handling.

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA) or sustainability-durabilite@mapei.com (Canada).

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

CONTACT INFORMATION

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Concrete and heavy construction: 1-888-365-0614

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1-800-361-9309

Customer Service

1-800-42-MAPEI (1-800-426-2734)

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For the most current product data and BEST-BACKEDSM warranty information,
visit www.mapei.com.
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