

TWO COMPONENT, MULTI PURPOSE, COMPOSITE REPAIR MORTAR

Uses

METORUN 3R-24, Liquid + Powder form material which contains several chemicals with special catalyst and fillers.

This composite materials are fast curing for floor coating, resurfacing material also designed to serve strong surface repair mortar. Especially suitable for areas, where conventional repair material can not be used , .

METORUN 3R-24, high-performance product , has excellent adhesion to concrete and other surfaces, with good abrasion resistance to various load and resist to some weak acids and chemicals.

Advantages,

- * With short curing time , repaired area can be Re- opened to traffic,
- * The proportions can be easily mixed and applied with excellent results,
- * Application is simple, special teams of workers are not required
- * Resistant to cold and warm weather.
- * Resistance to jet fuels and hydraulic fluids
- * Very good water, salt, chlorine and sulphate resistance.

Application Areas

- *Airport runways , aprons and any concrete floor surface in need of immediate daily repair.
- *Especially in places that immediate repair is necessary until detailed repair application is carried out.
- *Factories, warehouses, loading and unloading ramps, any surface that need emergency repairs,
- *Asphalt surfaces, seasonal repair can be done by using different type of filler.
- *In Bridges, concrete foundations, and in different types of damaged concrete.
- *Sea port, piers and concrete exposed to salty seawater.

Application

Surface preparation:

For best results; the surface must be clean, dry and free from moisture , oil, dust and any loose particles.

Mixing:

Product can also be reinforced with fibers, if alternative reinforcements is used then it must prepared or assembled and ready to be used in the mixing area.

Place the liquid component in a clean bucket and mix with a low speed 500-600 Rpm mixer. Add the composite powder component to the liquid and mix for approximately one minute.

Leave the mixture around 3 minutes for chemical reaction to start , then start mixing again until a flowable and homogenous mix . is achieved .Viscosity can be adjusted at this stage, according to the desired level.

Application;

Place METORUN 3R-24 material in the desired area then compact and finish with hand trowel ,let it dry for 3 hours then open to heavy traffic.

Coverage

Depending on the desired thickness and surface condition, coverage is approximately 18-22 kg / 1m²/ 1cm.

Storage

Shelf life of unopened containers is maximum 6 months max, For special custom shipments this period can be extend by manufacturer (Metop ltd.).

Package

25 kg craft paper bags and a special 5 kg plastic drums, Packaging size and type can modified according to the clients requests.



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Technical data

FLEXURAL STRENGTH	24 hours	12.0 MPa
	48 hours	16.3 MPa
COMPRESSIVE STRENGTH	3 Hours	20.7 MPa
	5 Hours	47.0 MPa
	24 Hours	82.4 MPa
	48 Hours	95.6 MPa
WATER ABSORPTION	After 48 Hours	2.2 %
CURING TIME	After mix	1 Hour
LOADING TIME	After placed	3 Hours
DENSITY	Powder	Liquid
	1.8 – 2.2 Kg/ltr	1.1 Kg/Lt

PHYSICAL AND CHEMICAL PROPERTIES

	POWDER FORM	LIQUID FORM
Physical	Specially graded aggregate with added catalyst	Liquid Odorless
Color	Sandy colour	Transparent
Density	1.8 – 2.2 Kg/ltr	1.1 Kg/Lt
Solid content	100	%65
Odor	-----	Special heavy odor
Pot life	Depends on temperature App 30 minutes at +22 °C	-----

Fire-Fighting Measures

Not Flammable material, all the necessary precautions for this type and class of material must be taken.

Important information

This product is for industrial use only , by professional, trained personnel using proper equipment, and is not intended for sale to, or use by , the general public.

Personal Precaution

It is irritating to eyes and skin and may cause sensitization by skin contact, always wear appropriate gloves and protective clothing to prevent contact with skin and clothing..

Wear safety glasses ,goggles to prevent contact with eyes . Do not use in closed areas or ensure good ventilation/exhaustion at the workplace .

Limited warranty

All recommendations, statements, technical data and information contained herein are information received from our raw material suppliers and other sources and is believed to be correct. However we make no warranty , expressed or implied regarding the accuracy of this data or the results to be obtained from the used thereof. This product is warranted to be of merchantable quality when used according to the instruction herein.It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased undamaged within 7 days from date of delivery (excluding any transportation costs), if found to be defective upon inspection by the manufacturer. we assume no responsibility to injury from the use of this product described herein.

