



LANKO 732

FACADE REPAIR MORTAR

A NON-SHRINK FIBRE REINFORCED REPAIR MORTAR



FEATURES & BENEFITS

- Thixotropic – easy to mix and place with non-slump in vertical and overhead work
- Can be applied in multiple layers
- Excellent application properties
- Can be painted over after 24 hours
- Fast setting and hardening
- Low permeability
- Smooth finish

PACKAGING

Available in a 20kg bag

WHERE TO USE

Davco Lanko 732 Facade Repair Mortar is a shrinkage compensated mortar composed of sand, special cement, fibres and admixtures which provide exceptional handling characteristics.

Uses

Suitable for the repair of concrete facades, spalling, honeycombing, balcony sills, overhangs, soffits, cornices and columns. Lanko 732 Facade Repair Mortar builds to a high compressive strength with low permeability.

PRODUCT INFORMATION

Coverage

20kg bag of Lanko 732 Facade Repair Mortar covers approximately 10m² at 1mm thickness

Application

1-40mm thickness

Set Time

Final set 3 hours at 20°C



MADE IN
AUSTRALIA

TECHNICAL

TECHNICAL DATA	LANKO 732
Appearance	Gray Powder
Shelf life when stored unopened in original packaging in dry conditions	12 months
Active Ingredients including hydraulic binders and synthetic fibres	Chloride free
Particle size	0-0.4mm
Hardened product density	2
Abrams slump cone measurement	2cm
pH	12.5
Pot life at 20°C	2 hours



Davco products manufactured in Australia are produced in accordance with quality management systems certified as complying with AS/NZS ISO 9001:2008.

Quality
ISO 9001
SAI GLOBAL

TEST	TYPICAL TEST RESULT	
Setting time* (Average laboratory values provided as general guide)		
	Initial set at 5°C	8 hours
	Initial set at 20°C	3 hours
	Initial set at 30°C	1 hour
	Final set at 5°C	10 hours
	Final set at 20°C	4 hours
	Final set at 30°C	2.5 hours
Test method: EN 106.1		
Flexural strength* (*Tests carried out on 4 x 4 x 16 samples kept at 20°C immersed in water. Average laboratory values provided as a general guide)		
	1 day	3 MPa
	7 days	5.5 MPa
	28 days	7 MPa
Test method: EN 12190		
Compressive strength* (*Tests carried out on 4 x 4 x 16 samples kept at 20°C immersed in water. Average laboratory values provided as a general guide)		
	1 day	11 MPa
	7 days	30 MPa
	28 days	40 MPa
Test method: RMS T363		
Alkali reactive particles	<0.1% (Non-reactive)	



DIRECTIONS FOR USE

- A test should be undertaken in all cases to ensure suitability

SURFACE PREPARATION

- Remove loose and damaged concrete and laitance using a point tool, chisel, or planing tool in order to obtain a clean, rough surface
- Clear out concrete around corroded rebars in order to create space for inserting the product behind and around them
- The boundaries of the surface to be repaired must be clearly defined by chiseling or diamond blade grinding to a depth of 5mm minimum. Avoid feather edging

- Ensure that the substrate is free of any traces of plant-based or mineral pollution such as grease, oil, laitance, etc
- Brush, scrape or sandblast corroded rebar in order to remove non-adherent rust
- Dust off all surfaces to be repaired
- Soak the substrate prior to application (substrate must be damp but not seeping with water)

REBAR PREPARATION

- Previously corroded rebar should be passivated using a slurry mix of 2 parts Lanko 732 Facade Repair Mortar and 1 part Lanko 751 Lankolatex
- Ensure that all necessary surface preparation work has been meticulously carried out
- Soak the substrate with water prior to application
- Remove any excess water with dry rags or compressed air
- In general, flooding the repair area with water as described above is sufficient to ready the surface for application of Lanko 732 Facade Repair Mortar
- To increase adhesion of Lanko 732 Facade Repair Mortar, prime all areas to be repaired with a slurry mix of Lanko 732 Facade Repair Mortar and Lanko 751 Lankolatex as per above. Ensure that the slurry is brushed well into the surface
- Apply Lanko 732 Facade Repair Mortar before the slurry tacks off

MIX PREPARATION

Mix Ratio

SITUATION / REQUIREMENT	MIX REQUIREMENTS PER 20KG
General applications	3.6-4.4L of clean, potable water

- The mortar is made up by mixing Lanko 732 Facade Repair Mortar with clean, potable water
- Mix small quantities by hand with a trowel and trough, or large quantities by machine such as a cement mixer or electric

POWDER QUANTITY	WATER	WORKABLE MORTAR
20kg	3.6 - 4.4L	10 - 11L

mixer

- Mix for at least 3 minutes until evenly distributed
- Mix at no faster than 300 RPM
- Workable life after mixing is approximately 45 minutes at 20°C
- No water must be added during application

Yield

APPLICATION

1. Apply a tight first coat of Lanko 732 Facade Repair Mortar with a stainless steel trowel or gloved hand, pressing firmly to ensure bonding. For large surfaces, the mortar may be applied by machine spray (wet process).
2. Lanko 732 Facade Repair Mortar can be applied in sections up to 40mm in thickness.
3. Tool the finished surface to the required level.

Curing

- Protect the fresh mortar from rapid drying. This can be achieved by covering with polyethylene film or damp cloth

Clean-up & Return to Service

- Clean mixing and application equipment with water immediately after use

PRECAUTION

Safety

- SDS is available from www.davcoaustralia.com.au
- It is recommended that applicators wear PVC or similar gloves and safety goggles while handling this product
- If eye contact occurs, rinse with cool water
- If ingested get immediate medical assistance

General

- Do not use when temperatures are below 5°C or above 35°C
- Do not apply to a frozen or thawing substrate
- Apply only to clean, sound substrates, free of loose material

Specific

- Active cracks should be treated separately following a survey by the project manager
- Soak the substrate before application
- After finishing, protect the mortar from drying out by dampening without soaking
- Do not mix Lanko 732 Facade Repair Mortar with other hydraulic binders such as portland cement, high alumina cement, plaster etc
- For other uses not mentioned in these instructions, please visit www.davcoaustralia.com.au

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