

# Tool-Co Grout & Binder

## Description

Tool-Co Grout & Binder is a polymer designer for filling pin holes and minor non-structural cracks in concrete. This is done during the grinding process before polishing concrete. Can be used as a binding agent on screeds and skim applications. For use on concrete surfaces.

## Benefits

- Can be diluted up to 30% depending on the strength needed
- One step application, applied while doing the final stage of grinding
- Breathable and UV stable. Will not yellow, discolour, peel or flake.
- Non-flammable. Non-toxic. Low odour.
- Leaves a smoother uniform finish once applied.
- Drying time for foot traffic between 3-6 hours, full cure 72 hours

## DIRECTIONS FOR USE:

### Polished Concrete

Remove all dust and debris using an auto-scrubbing machine. If surface has remaining contaminants, use an appropriate surface prep cleaner to remove any remaining surface contaminants which may compromise uniform application.

Allow wet surfaces to dry.

At the 120 grit metal or 50grit polish stage you must follow the following steps, Can be diluted up to 30%

1. Floor must be clean and vacuumed.
2. Dampen the surface with water before you apply. There must be no standing water.
3. Apply Tool-co Grout by sprayer or block brush in front of the machine and grind into the floor using the 120# Metal or 50# Polish tool.
4. Let it cure for 3 - 6 hours to get the best results.
5. Remove excess grout off the surface using the same grit tool used to apply.
6. Make sure floor is clean and vacuum and apply Tool-Co Lithium densifier.

### Skim Coat applications

Remove all dust and debris using an auto-scrubbing machine. If surface has remaining contaminants, use an appropriate surface prep cleaner to remove any remaining surface contaminants which may compromise uniform application.

Allow wet surfaces to dry.

1. 25# Diamond Grind to remove all latency and debris
2. Prime surface with undiluted Tool-Co Grout and Binder. Keep a wet edge.
3. Mix 2 parts silica flour 325 mesh with 1 part 42.5N cement
4. Add un-diluted Tool-Co Grout and Binder to dry mixture use a mechanical mixer until correct consistency.
5. Apply by steel trowel to floor.

## MAINTENANCE:

Use normal dust mopping or sweeping between occasional detergent, Ameripolish rejuvenating cleaner and water cleaning.

### CAPE TOWN

Unit 6 • Pennisi Park  
Jig Avenue • Montague Gardens  
T. +27 21 552 8566 F. +27 21 552 8575  
E. sales@mactool.co.za

### JOHANNESBURG

Unit 16 • Hughes Industrial Park  
Cnr. Oscar & Romeo Roads • Hughes • Boksburg  
T. +27 11 823 1077 F. +27 11 823 1065  
E. salesjhb@mactool.co.za

### DURBAN

30 Hopson Road  
Cowies Hill • Durban  
T. +27 31 350 4004 F. +27 21 552 8575  
E. saleskzn@mactool.co.za

#### Areas of use

Tool-Co Grout And binder is suitable for use in the following areas;

- Polished Concrete floors
- Warehouse floors
- Shopping centres
- Interior and exterior
- Car Parks
- Garages
- Decorative floors
- Concrete repairs

#### Substrate

Tool-Co Grout and Binder may be applied to new and existing concrete.

#### Technical Data

Appearance	Milky White liquid
Specific gravity	1.0
pH	9.5 - 10.5
Flash point °C	Not applicable
Solubility in water	Complete

#### Typical Coverage rates

Coverage rates are dependent upon the porosity of the concrete surface to be treated and are offered as a guide only. A sample test area is recommended to determine specific coverage rates.

Concrete Surface	Coverage Rate (m <sup>2</sup> /L)
Freshly placed, uncured, steel trowelled	5-15
Cured, steel trowelled	5-15
Cured, ground/honed	5-10
Porous old concrete	2-10

#### Safety Precautions – Please refer to material safety data sheet.

Keep out of reach of children. This product is alkali. Do not drink. Keep container sealed when not in use. Avoid skin and eye contact. Wear gloves and eye protection.

Revision 1-102018

#### CAPE TOWN

Unit 6 • Pennisi Park  
Jig Avenue • Montague Gardens  
T. +27 21 552 8566 F. +27 21 552 8575  
E. sales@mactool.co.za

#### JOHANNESBURG

Unit 16 • Hughes Industrial Park  
Cnr. Oscar & Romeo Roads • Hughes • Boksburg  
T. +27 11 823 1077 F. +27 11 823 1065  
E. salesjhb@mactool.co.za

#### DURBAN

30 Hopson Road  
Cowies Hill • Durban  
T. +27 31 350 4004 F. +27 21 552 8575  
E. saleskzn@mactool.co.za