



INFORMATION SHEET

WEARWELL JOINTING /LINING COMPOUND

INTRODUCTION

Wearwell Compound is DEMECH's proprietary product. It is used as jointing material to fill in the gaps between Cast Basalt Tiles after fixing the tiles to concrete/steel surfaces.

PRODUCT

Wearwell is an extremely hard mineral compound with a cold curing epoxy resin binder, with blend of aggregates, developed for very severe wear applications. Wearwell will bond to most materials such as steel, concrete, cast iron and basalt etc. Wearwell is not suitable for use with caustic soda.

PACKING

Wearwell jointing compound is supplied in 2 parts

1. WR Compound [Packed in Polythene bag or H.D.P.E Container.]
2. WH Compound [Packed in Polythene bag or H.D.P.E Container.]

Technical Details

Pot Life	45 Minutes at 30 Deg. C
Temperature Limitations	100 Deg. C

Chemical Resistance of cured Compound

Water	Excellent
Alkalis (any concentration)	Excellent
Acids (inorganic)	Good
Acids (Organic)	Limited
Solvents	Good

Mixing Proportion

2 volume of WR Compound : 1 volume of WH Compound

Mixing

At one time mix thoroughly 2 volumes of WR Compound with 1 volume of WH Compound in a separate plastic container or on a plastic sheet. The mix should be such that a handful squeezed into a ball, will retain that shape Mix only small amounts which can be used in about 20 minutes.

Caution

Rubber gloves must be worn when mixing and handling the compound.



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Application

Allow for approx. 14 days curing time after Cast Basalt Tiles have been fixed to the surfaces. Apply Wearwell Jointing Compound in gaps between Cast Basalt Tiles and press. Clean excess material.

Curing Time

The complete curing of the system takes place at room temperature in seven days. The time required to cure varies with temperature. At ambient temperature of 25 degree to 30 degree C. the material will get hard enough in 24 hours. In 36 hours at 30 degree C. the Wearwell Jointing Compound shall get 90% cured and the item of the plant can be put in service. 100% curing shall be achieved in 7 days.

Cleanliness

Tools used for the application should be cleaned immediately with Acetone or another similar cleaning agent. All traces of Acetone must be allowed to evaporate from the tools before using again for mixing application. This precaution must be taken since Acetone destroys WR Compound when in contact.

Storage

Material should be kept in dry Atmosphere and the same should not come in contact with water etc. before application.

Recommendations

- For best results mix the material in small quantities for 2 kg as and when required.
- After extracting the required quantity from the container always close the lid. This helps in preventing any contamination of the compound.
- Always store the container in dry condition's in a closed room.
- If you are using the compound after 60 days from date of manufacturing please remix WR and WH separately.
- Due to re-mixing any settling of resin or hardener is taken care of and this facilitates ease in mixing of the overall compound.

Note: In case you require more information or find any difficulty in application please contact immediately.

For Further Details Please Contact :

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