

DURGA MINERAL & CHEMICAL INDUSTRIES

REGD. OFFICE 3 LAXMI NARAYAN BHAWAN KRISHNA COLONY UBHESHWARJI ROAD RAMPURA UDAIPUR (RAJ.)313001

FACTORY G -1/141 RIICO INDUSTRIAL AREA KALADWAS EXT. UDAIPUR (RAJASTHAN) INDIA 313001

WEB - www.durgamin.com [Email—durgamin97@yahoo.com](mailto:durgamin97@yahoo.com) cell +91-9680104496 ,+91-9460444543

TECHNICAL DATA SHEET

DMCI POWER PLUS PREMIUM WALL PUTTY

DESCRIPTION:-

Power plus Premium wall Putty is white cement based putty ideal for use on Concrete/ Mortar Wall (Internal and External) and ceilings. It fills the fine pores of Mortar/ Concrete walls and ceilings and provides a white, smooth and dry surface, essential for painting. Wall Putty can be applied even on moist surfaces (Internal and External).

FEATURES AND BENEFITS:-

- Excellent alkali & Efflorescence Resistance.
- Physical barrier to salt migration.
- Smoothen the wall with excellent finish.
- Decrease paint consumption.
- Enhance binding of the paint with the wall.

USAGES:-

Use on all types of Plasters & Concrete wall surface.

SURFACE PREPARATION:-

Surface must be clean, free from dust, grease, oil, and heavy soot, chalk, mildewed. Chalk joints and fill holes where necessary. All old loose, flaking or peeling paint must be removed.

SURFACE PREPARATION FOR NEW WALLS :-

- After plastering allow to dry the surface at least 8-12 weeks. Moisture content should be 15% max (equipment for measuring, moisture content Photometer).
- On dry wall apply one coat Wall Putty.
- Dry the wall at least 4-6 hrs before putty application.
- Do not apply paint at temperature below 50°F (10°C).

SURFACE PREPARATION FOR OLD WALLS/ PREVIOUSLY PAINTED

WALLS:-

- Previously painted with cement paint should be wire brushed and washed with water.
- After properly washing of apply directly one coat 100% thinned (P: w=1:1) Water Based Seale as prime coat.
- Do not apply paint at temperature below 50°F (10°C).

VERY ROUGH SURFACE:-

If surface plaster very rough 1' apply white cement/white cement mortar and do level surface. Cure the surface for 2 days before use Putty coat. Surface should be in just wet condition for putty application.

VERY SMOOTH SURFACE:-

If the surface made by cement Ghutai (smoothing) which normally is very smooth, bonding with putty may not become sufficiently strong. Scraping the surface with emery stone/ paper is recommended before putty application. Surface should be in just-wet condition, prior to putty application.

AREA NEAR THE SKIRTING:-

Extra care is recommended for the area adjacent to skirting of the floor (at least area up to one feet above the skirting). During grinding of the skirting and floor, slurry is generated. It sticks to the wall and if not cleaned properly, wall putty on it will not give good results. Chances of flaking/ poor adhesion. Area at least up to one foot above the skirting should be cleaned with wire brush and washed thoroughly so that slurry deposited on the wall during grinding is totally removed. After drying the wall, putty can be applied as normal.

PLASTER SHOWING SIGN OF SALT DEPOSITION:-

If due to salty water or salts in sand/bricks, problem of efflorescence is observed then plastered surface should be treated with mild acid like citric acid before application of Power plus Premium wall putty. otherwise, wall putty will not stick to the wall and problem of flaking may arise. After 30 minutes of treating the surface with mild acid, surface should be washed thoroughly so that no acid remains on the wall. After drying properly, wall putty can be applied as normal. This treatment should be done under proper supervision.

PREPARATION FOR APPLICATION:-

- For best result, apply two coats Power plus Premium Wall Putty with 6-8 hours intervals.
- After proper drying (overnight) of wall putty, rub down with sandpaper to provide a sound surface for finish coat.
- Do not stretch material beyond recommended coverage.
- Dilution for application: Ready to apply without dilution.

METHOD OF MAKING POWER PLUS PREMIUM WALL PUTTY PASTE:-

Take Power Plus Premium wall putty as require volume and slowly mix 35-40% water with slowly mix prepare paste of desired consistency. Mix vigorously for 5-10 minutes for making lump free and uniform paste, as shown. Product should be mixed in such quantities that it could be used within 2 hrs of its preparation. Mixing could be done manually or by suitable electric mixer.

AREA COVERAGE DMCI RECOMMENDED:-

- Maximum two coats (layers) of Power Plus Premium wall putty.
- 1st coat (layer) 1.5 mm maximum thickness.
- 2nd coat (layer) 1.0 mm maximum thickness.
- Approx achievable coverage is 35 sq.ft./mm thickness /kg of Power Plus Premium wall Putty.
- Special Note: Actual coverage will find achieved depends on the base surface condition & finished thickness of wall.

PRECAUTION:-

- Although Power plus Premium Wall Putty do not contain any toxic material, use rubber gloves while mixing.
- Precaution should be taken to avoid dust inhalation while handling putty powder or during removal of application marks with fine emery paper-say wearing nose marks.
- Keep the product out of reach of children.
- Once putty paste has hardened, it shall not be used by adding water.

STORAGE:-

- Store Power Plus Premium Wall Putty in a dry place.
- Open the bag just before use.

SALIENT FEATURES OF POWER PLUS PREMIUM WALL PUTTY:-

- ❖ We do not recommend mixing of pigments/ stainer in Power Plus Premium Wall putty.
- ❖ Quality of painted surface is directly proportional to quality of un-painted surface for paint application. Power plus Premium Wall putty renders ideal condition as unpainted surface for paint application.
- ❖ Paint can be applied on Power plus Premium Wall putty with or without primer. However, use of primer shall give cost advantage in case of expensive paints.
- ❖ Lustrous white and smooth surface which can be left unpainted.
- ❖ Life of Power plus Premium Wall putty is as long as the life of grey cement plaster underneath.
- ❖ It prevents growth of algae and fungus on walls.
- ❖ Any kind of distemper can be applied on it directly.
- ❖ Textured finish can be obtained by use of texturing tools.
- ❖ As prevalent in case of other non-cement putties, primer application is not recommended before Power plus Premium Wall putty application. This saves cost.

POWER PLUS PREMIUM WALL PUTTY AVAILABLE IN PACKING

20 kg pack in laminated HDPE BOBP bags.

- 40 kg pack in laminated HDPE BOBP bags.
- 1 kg and 5 kg also available on advance booking.
- 25Kg for export and project only.

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POWER PLUS PREMIUM WALL PUTTY SPECIFICATION

TDS

S.NO.	SPECIFICATION	RESULT
1	Colour	white
2	Pigmentation	Titanium Dioxide, Magnesium and Aluminum Silicate
3	Solvent	Water, Ethylene Glycol
4	Flammability	Not applicable
5	Vehicle solid %	3.9%
6	Viscosity at (30±1) 0 C	100+/-5 Poise (Sheen Krebs)
7	Coverage	20-22 Square feet / Kg/ Coat (depending on surface)
8	Thickness	1.5 mm
9	Dry, set to touch	60 Minutes
10	Dry hard	6 hours (recoat), For finish coat application after 24 hrs
11	Clean up solvent	Water
12	Type of cure	Coalescence
13	Tinting	Universal Colorants
14	Aromatic content	Below 100 ppm
15	Halo methane	Not Found
16	Chlorinated methane	Not found
17	Chlorinated ethylene	Not Found
18	Polynuclear aromatics	Not Found
19	Cholobenzenes	Not Found
20	Phalate esters	Not Found
21	Miscellaneous volatile organics	Not Found
22	Ketones	Not Found
23	Adhesion strength-28 days	2.38N/NM
24	Water Requirement by volume	37-38%
25	Pot Life	2-3 HRS (120-180 MINIUT)

SIGNIFICANT BENEFITS OF “POWER PLUS PREMIUM WALL PUTTY” :-

- Being a cementitious material it has better adhesiveness and durability with the concrete walls.
- Doesn't need any kind of primer on it before application of paint / distemper thus saving time & cost.
- Can be applied on both interior and exterior walls & ceilings.
- Gives a smooth, white & glossy finish surface, which effectively reduces the consumption of subsequent Paints & gives true tone of colour.
- It is in dry powder form and does not produce any kind of unpleasant smell at the time of application.
- It is Eco-Friendly. It does not contain lead, oil or toxic material.
- Has anti-carbonation properties thus protects the reinforcement bars from corrosion.
- Does not require any water curing after application thus saving time & cost.
- It can be applied on moisture surface.
- Accepts any kind of paint or distemper application on it.
- Can be applied on used surface after proper preparation.
- It prevents the growth of algae and fungi on walls.

Structural problems could not be taken care of by the finishing/decoration material. Therefore Adequate Quality

Note:-*Information given in this document is for general guidance. Specific instruction for various site conditions can be furnished on demand. However company is not responsible for any wrong application of the product.*

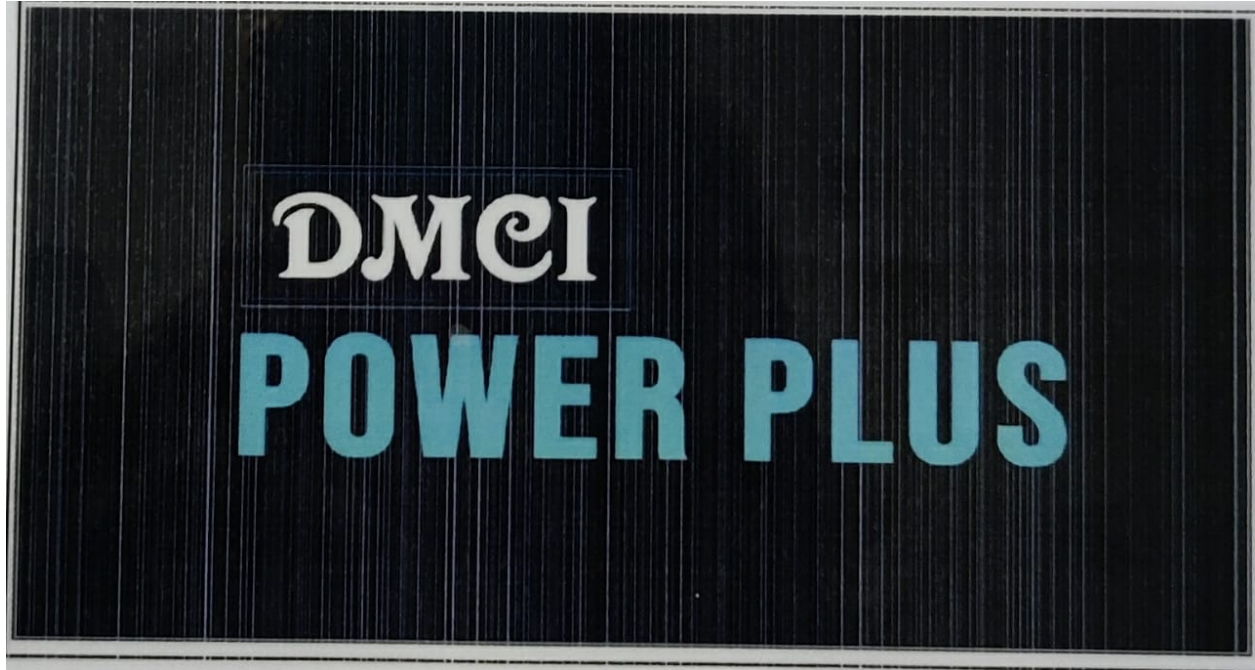
DURGA MINERAL & CHEMICAL INDUSTRIES

DURGA MINERAL & CHEMICAL INDUSTRIES

PRODUCT

DMCI POWER PLUS PREMIUM WALL PUTTY

APPLIED AT OUR SIDE INTERIOR & EXTERIOR



DMCI POWER PLUS^R PREMIUM WALL PUTTY

REGISTERED TRADE MARK LOGO

FOLLOWING OUR PRODUCT

PREMIUM WALL PUTTY

COARSE WALL PUTTY

MARBLE LIME PUTTY

DECORATIVE WHITE CEMENT

WHITE READY MIX PLASTER

GREY READY MIX PLASTER

WATER PROOFING PAST, COMPOUND, IAP, BUILDING GUARD

OUR POLICY

DURGA MINERAL & CHEMICAL INDUSTRIES

**COMPANY PROMISS TOCUSTOMER SURVIVE ALL
PRODUCTS WITH QUALITY SATANDERED WITH FULLY
CUSTOMER SATISFACTION.**

**OUR FINAL OBJECT IS CUSTOMER SATISFACTION FROM
OUR PRODUCT AND OUR SERVICE, SUPPLY.**

प्रारूप आरजी - 2
Form RG - 2



भारत सरकार
Government of India
व्यापार चिन्ह रजिस्ट्री
Trade Marks Registry



क्रमांक
No. 2778764

व्यापार चिन्ह अधिनियम, 1999
Trade Marks Act, 1999

व्यापार चिन्ह के रजिस्ट्रेशन का प्रमाणपत्र, धारा 23 (2), नियम 56 (1)
Certificate of Registration of Trade Mark, Section 23 (2), Rule 56 (1)

व्यापार चिन्ह संख्या / Trade Mark No. 4605905

दिनांक / Date 11/08/2020

ज. संख्या / J. No. 1987

यह प्रमाणित किया जाता है कि जिस प्रकार चिन्ह की समाकृति इसके साथ संलग्न है, वह
के बारे में दिनांक नाम से रजिस्ट्रीकृत हो चुका है।
Certified that Trade Mark / a representation is annexed hereto, has been registered in the name(s) of :-
BASANTILAL CHOUDHARY - M/S.DURGA MINERAL & CHEMICAL INDUSTRIES, 51,LAXMI NARAYA BHAWAN,KRISHNA
COLONY,UBESHWARJI ROAD,RAMPURA,UDAIPUR,RAJASTHAN-313001, SINGLE FIRM, (Single Firm)

In Class 2 Under No. 4605905 as of the date 11 August 2020 in respect of

Goods and service as annexed

Trade Mark as annexed

मेरे निर्देश पर आज के मास के वे दिन को इस पर मुद्रा लगायी गई

Sealed at my direction, this 26th day of June, 2021



व्यापार चिन्ह रजिस्ट्री
Trade Marks Registry MUMBAI

व्यापार चिन्ह रजिस्ट्रार
Registrar of Trademarks

रजिस्ट्रेशन आवेदन की तारीख से 10 वर्ष के लिए है और तदोपरान्त वह 10 वर्ष की कालावधि के लिए और प्रत्येक 10 वर्ष की कालावधि के अवसान पर भी नवीनीकृत किया जा सकेगा।

Registration is for 10 years from the date of application and may then be renewed for a period of 10 years and also at the expiration of each period of 10 years.

यह प्रमाणपत्र विधि कार्यवाहियों में प्रयोग के लिए या विदेश में रजिस्ट्रेशन अग्रिम प्राप्त करने के लिए नहीं है।

This certificate is not for use in legal proceedings or for obtaining Registration abroad.

टिप्पणी - इस व्यापार चिन्ह के स्वामित्व में कोई परिवर्तन होने पर, या कारोबार के मुख्य स्थान के पते में या भारत में तामील के लिए पते में परिवर्तन होने पर परिवर्तन के लिए आवेदन तुरंत किया जाना चाहिए।

Note: Upon any change of ownership of this Trademark, or change in address, of the principal place of business or address for service in India a request should **AT ONCE** be made to register the change.



Certificate of Registration

This is to certify that the
Quality Management System
of
DURGA MINERAL & CHEMICAL INDUSTRIES
at

**G-339-C, BHAMASHA INDUSTRIAL AREA, KALADWAS,
UDAIPUR, 313001, RAJASTHAN, INDIA**

has been independently assessed and is
compliant with the requirements of:

ISO 9001:2015

For the following scope of activities:

**MANUFACTURER, SUPPLIER & EXPORTER OF TALC POWDER, DOLOMITE, CALCITE, CHINA CLAY,
BARYTES, SILICA, FELDSPAR, HYPER, PAINT FILLER, PAINT, WALL PUTTY, TILE ADHESIVE,
MARBLE ADHESIVE, TILE, MARBLE JOINT, FILLER, READYMIX PLASTER, WATERPROOFING
COMPOUND(LIQUID & PAST) & WHITE CEMENT.**

Certificate Number: UQ - Draft

Validity of this certificate can be verified at www.ukcertifications.org.uk/verify

Date of Certification	9th February 2021
1 st Surveillance Audit Due	8th February 2022
2 nd Surveillance Audit Due	8th February 2023
Certificate Expiry	8th February 2024

Authorised Signatory



This certificate is the property of UK Certification & Inspection Limited and shall be returned immediately on request.
71-75 Shelton Street, Covent Garden, London, WC2H 9JQ, United Kingdom
Website:- www.ukcertifications.org.uk, email:- info@ukcertifications.org.uk
Company No. 11847851

DMCI

An ISO 9001-2015 Certified Company

POWER PLUS PREMIUM WALL PUTTY

क्वालिटी में सबसे आगे पावर प्लस

- उच्च गुणवत्ता युक्त
- बाहरी एवं भीतरी उपयोग
- अच्छा कवरेज
- उत्तम सफेदी
- अधिक मजबूती



DURGA MINERAL & CHEMICAL IND. Udaipur, Raj. (India)

Customer Care No. : +91 8764031496

Email : blcbl60@gmail.com

DURGA MINERAL & CHEMICAL INDUSTRIES

PRODUCT

DMCI POWER PLUS PREMIUM WALL PUTTY

DMCI POWER PLUS PREMIUM WALL PUTTY

40 KG PACKING



DURGA MINERAL & CHEMICAL INDUSTRIES

PRODUCT

DMCI POWER PLUS PREMIUM WALL PUTTY

20 KG PACKING



DURGA MINERAL & CHEMICAL INDUSTRIES

PRODUCT

DMCI POWER PLUS PREMIUM WALL PUTTY

STOCK STORAGE KEEPING METHOD