

NATIONAL BUILDING MATERIAL LAB

& Steel Testing Laboratory



INTRODUCING

PAINT & SURFACE COATING SECTION

AT

NATIONAL BUILDING MATERIAL

& Steel Testing Laboratory



AN ISO 9001:2015,14001: 2015, 45001: 2018 CERTIFIED & NABL
ACCREDITED LABORATORY

- ➤ National building material Lab established in year 2017.
- ➤ With over 05 year of experience in similar area, with an objective to provide in excellence in testing and analytical services
- ➤ National Building Material Lab Raipur is Committed to Provide reliable and timely testing services in compliance with the requirements of ISO/IEC 17025:2017 to its Customer by adopting professionally acceptable procedures and method with measurements traceable to national & International reference standards.
- > We are pleased to introduce ourselves as leading testing laboratory.
- Our lab National Building Material lab (NBML) Provides Excellent Paint testing Facilities.
- ➤ All types of Paint Samples oil based paint & water based paint. & all ready mix paints. Also Bituminious Paint.
- ➤ Rapidly expanding base of 100+ customers already taking services from us.
- ➤ All testing done under the NABL Scope.
- According to Indian standard (IS), International Standard (ASTM), RDSO & IRS Guidelines.
- ➤ We have Follow –up AN ISO 9001:2015(QMS) Policy & maintain AN ISO-14001:2015, ISO-45001:2018.
- > Our staff is well educated & experience Holder we are proud of our Team.

PAINT TESTING PARAMETER

PHYSICAL TEST

- Drying time
- Consistency
- > Finish
- Mass in Kg/10L
- Wet Opacity
- Flexibility & Adhesion
- Resistance to humidity under Condition of condensation
- Flash Point
- Scratch Test
- Bend Test
- > Flash Point
- Resistance to salt spray
- Viscosity by Flow Cup
- Fineness of Grind
- Fitness to take a coat of Primer
- Specific Gravity
- DFT (dry Film thickness)
- Pencil Hardness Test
- Volume Solid
- Accelerated storage stability test
- Gloss value
- Impact Resistance Test
- Protection against corrosion Under condition of condensation
- Pot life

CHEMICAL TEST

- ➤ Non-Volatile Matter
- Pigment Content
- Iron Oxide Content
- ➤ Volatile Matter
- > Resistance to Acid
- Resistance to Alkali
- Aluminium Content
- Chromic Anhydride
- > Orthophosphoric Acid
- Zinc Chrome
- ➤ Iron Oxide
- Isopropyl alcohol
- Water Content



TYPES OF PAINT MATERIAL WE HAVE TESTED

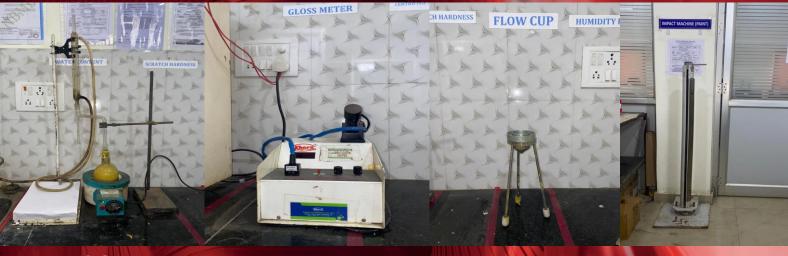
- Micaceous Iron Oxide (M&C/PCN/103)
- Epoxy Based ZincPhosphate Primer
 - (M&C/PCN/102)
- Aluminium Paint
- (IS: 2339-2018)
- Red oxide Zinc
 - **Chromate Paint**
- (IS 2074)

- > Etch Primer (IS:5666-2019)
- ➤ Polyurethane Aluminium
 Paint -(M&C/PCN/110)
- Synthetic Enamel (IS 2932) (Interior & Exterior)-IS 133
- Ready Mix Paint (IS:13607)

PAINT TESTING INSTRUMENTS AT OUR LABORATORY



PAINT & SURFACE COATING SECTION



DEAN & STARK
APPARATUS

GLOSS METER

FLOW CUP

IMPACT MACHINE

I Hope you will give us Testing Opportunity.......

Laboratory Address:-

Raipur-Bilaspur Road Urkura chowk, (Venu Petrol Pump) Urkura Nagar ,Beside Akashwani Radio Station Rawabhata Village, Raipur-493221 Chhattisgarh.

Contact Us:-

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