



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 Bituminous 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 Zinc Phosphate 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
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Contact Us :-

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