



**INTRODUCING.....**

# **Varna Reliable Solutions LLP Paint Testing Laboratory**



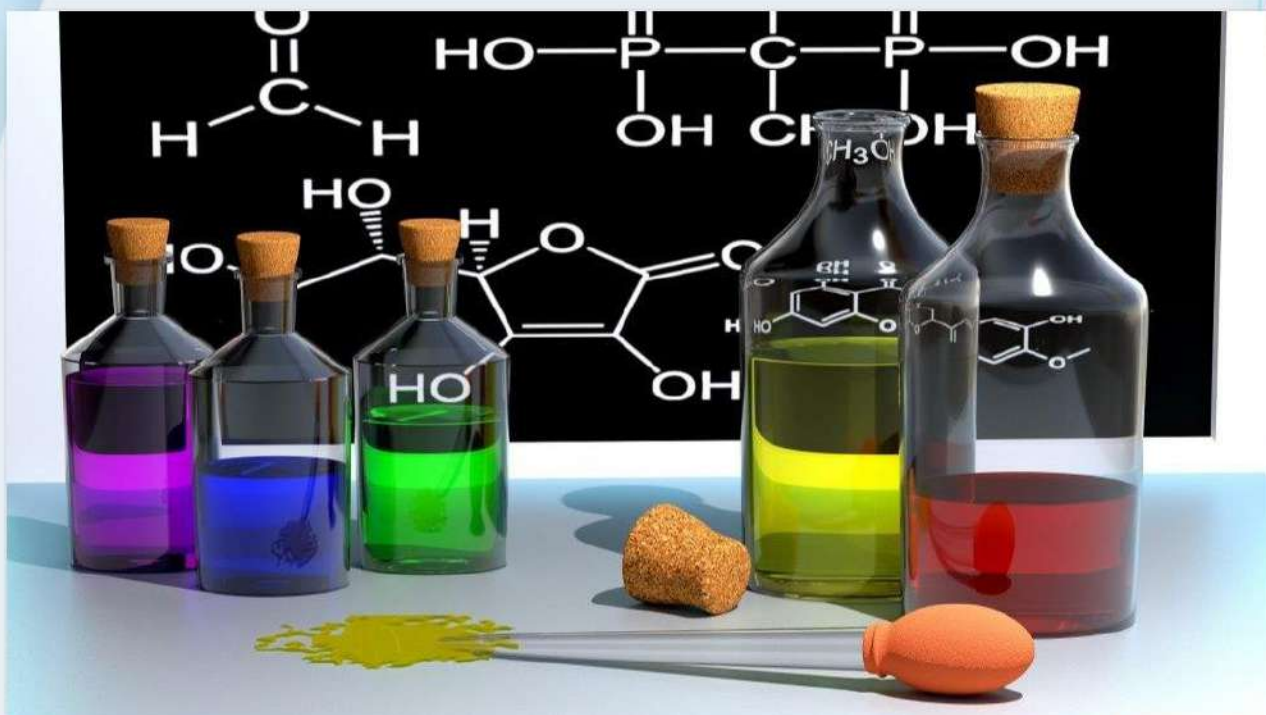
- Varna Reliable Solutions LLP Lab established in last 5 years.
- With over 5 years of experience in similar area, with an objective to provide in excellence in testing and analytical services.
- Varna Reliable Solutions Lab, Navi Mumbai, is committed to provide reliable to its customer by adopting professionally acceptable procedures and method with measurements traceable to national & international reference standards.
- We are pleased to introduce ourselves as leading testing laboratory.
- Our lab provides excellent paint testing facilities.
- All types of paint samples solvent-based paint, water-based paints & all ready-mix paints. Also, Bituminous paint.
- Rapidly expanding base of 150+ customers already taking services from us.
- Our staff is well educated & experience holder we are proud of our Team.



# PAINT TESTING PARAMETER

## WET PAINT TEST

- Drying time
- Consistency
- Finish
- Colour
- pH
- Non-Volatile Matter
- Volatile Matter
- Water Content
- Mass in Kg/10L
- Wet Opacity
- Flash Point
- Viscosity by Flow Cup
- Stormer Viscosity
- Fineness of Grind
- Volume Solid
- Recoat Properties
- Storage stability test
- Zink Phosphate Content
- Fitness to take a coat of Primer
- Resistance to Bleeding
- Sag Resistance
- Odour
- Settling Properties
- Leveling Properties
- Colour Diff. by Visual
- Dut Pick up
- Volatile Content by Radiation
- Determination of hard dry and time to top coat
- Acid Value
- Phthalic Anhydride
- Iron Content
- VOC (GC-MS)
- Pot life
- Lead Content
- Ash Content
- Pigment Content
- Zinc Content



## LONG TERM TEST

- Salt Spray Test
- Corrosion Test
- Humidity Test
- Temperature Test
- Water Vapor Permeability
- Carbon Dioxide Permeability
- Immersion Test
- Chemical Resistance
- Chemical Resistance of pipeline coating
- Resistance Dried film of Varnishes for water and Alkali
- Exposure Resistance
- Test for freedom from yellowing
- Resistance to Acid/Alkali
- Detergent Resistance
- Accelerated Weathering Test
- Resistance to Liquid
- Evaluation Degree of Cracking
- ROHS Test
- REACH Test
- Anti-fungal Test
- Anti-algal Test

## MECHANICAL TEST

- Impact Test
- Flexibility & Adhesion Test
- Gloss Test
- Pull off Adhesion
- Pencil Hardness Test
- Scratch Hardness
- Dry Film Thickness
- Taber Abrasion
- Solvent MEK Rub Test
- Anti-Graffiti Test
- Cross Cut/Tape Adhesion
- Bend Test
- Tensile Properties
- Shore D/A Hardness
- Hiding power/Opacity
- Whiteness/Yellowness
- Color Fastness
- Resistance to Dry Rubbing
- Wet Film Thickness
- Color Measurements
- Chalk Resistance
- Wash ability
- Scrub Test



# PAINT TESTING INSTRUMENTS AT OUR LABORATORY



**Accelerated Weathering Test**



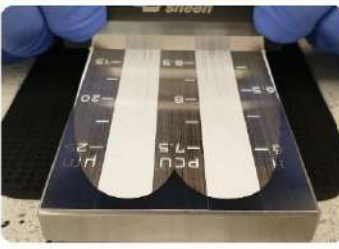
**Adhesion Test**



**Density Test**



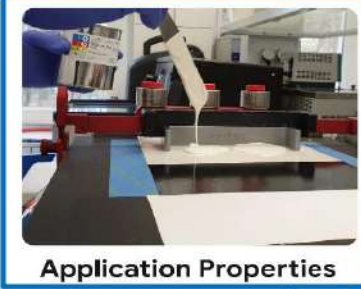
**Gloss Test**



**Dispersion Test**



**Chemical Immersion Test**



**Application Properties**



**Volume Solid Test**



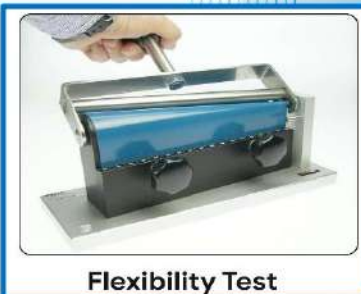
**Viscosity Test**



**Spray Application**



**Solid Test**



**Flexibility Test**



**Impact Test**



**High Temperature Test**



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

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***Contact Us: -***

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Mr. Pravin Nagpure  
Website: - [www.painttestings.com](http://www.painttestings.com)  
Email Id: - [info@painttestings.com](mailto:info@painttestings.com)  
[painttestings@gmail.com](mailto:painttestings@gmail.com)  
Contact No: - +917020310288  
+919326070840

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***Laboratory Address: -***

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B-118 Plot 11 & 11a Punit Industrial Premises Co-Op. Society  
Limited,  
Opp. Turbhe Railway Station, Thane Belapur Road, TTC, MIDC,  
Turbhe, Navi Mumbai 400705

*Thank  
you*