### PROCAT Catalyst of Business Transformation

# NanoTech Sufface Solutions Superhydrophobic & Omniphobic Surface Treatment

### Vision:

To Learn from Nature various tricks and techniques it uses to protect it's surface from stickiness of liquid so as to protect various surface from the harmful impacts of these sticky liquid and also produce surfaces with reduced drag.

### Some Natural Superhydrophobic Surfaces:

- Shark Skin: repeals water, reduces drag, enhances swimming speed
- Lotus Leaf: repeals water, increases surface area available for photosynthesis
- Bird's Feather: repeals water, keeps feather dry and light, easier to fly

### NanoTech mimics Nature:

- We use Nono Technology to Mimic Nature
- Create Surfaces like Shark Skin or Lotus Leaf
- Produced by Billions of nanometre size rivulets
- By synthetic coating applied to these surfaces
- Solutions available for various type of protection
- SuperHydroPhobic Super repellent for Water
- OmniPhobic Repellent for a host of pollutants



## Wide Variety of Applications



Anti-Corrosion ULTRACORR ACX-W

Water Base Thin-Film Nano-Coating For Coils And Condensers For Corrosion Protection **ULTRACORR ACX-4** Direct To Metal Anti-Corrosive Nano-Coating ULTRASHIELD - XT Weather / UV Resistant Isocyanate-Free Exterior Top Coat MOTOCORR

Thin-Film Anti-Corrosive / Rust Proof Coating For Automotive ULTRACORR ZPP Anti corrosive primer for protection of steel against corrosion

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Anti-Microbia

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lanoTech in Action

**DECOR HYGIENE +** Single component hygiene paint for architectural interior walls

ULTRAPEL MICROP Water, Mud And Dust Repellent Easy To Clean Anti-Microbial Nano-Coating

ULTRAGUARD AG-120 Transparent Omniphobic Nano-Coating Non-Stick To Dust

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Anti-Dust

**ULTRAGUARD E2C 140X** High Gloss Scratch Resistant Nano-Coating Non-Stick To Dust

### $\square$ Anti-Fog

OG GUARD Super-Hydrophilic Nano-Coating For Anti-Fog Application

### FOGSHIELD Super-Hydrophilic Nano-Coating For Anti-Fog Application

## Wide Variety of Industry



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Functional Nano-Coating Solutions

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### Please get in Touch, we are Listening:

Nanova Care Coat Silicone Functional Resins/Polymers







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Anti-Graffiti

CERAMER 120 - NO STAIN Water Repellent Nano-Coating For Building LOTUS CLEAN XT Water Repellent Nano-Coating For Building Exterior BUILDO 150 - XT Breathable Super-Hydrophobic Nano-Coating For Concrete, Stones And Masonry Surfaces SHIELD 120 Hydrophobic nanomaterial for dust, mud and water repellency SCREEN SHIELD Water Repellent & Easy To Clean Transparent Coating For Vehicle Glass Windshield - Drive Safe Even In Heavy Rain. FABCARE Water repellent, anti-microbial and stain proof breathable coating for fabrics

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### Heat Reflecti

THERMO ROOF Abrasion And Weather Resistance Waterproof Membrane Coating For Roof

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