

CERAMIC PRO LUX

PRODUCT IDENTIFICATION

PRODUCT NAME	Ceramic Pro LUX
PRODUCT VERSION	V1.0
PRODUCT CODE	B770.2
DOCUMENT REVISION	V1.0-R3
ISSUE DATE	2026-09-01
MANUFACTURER	Nanoshine Group Corp.
COUNTRY OF MANUFACTURE	Taiwan (R.O.C.)



PRODUCT DESCRIPTION

TECHNICAL DESCRIPTION	Ceramic Pro LUX is an advanced nano-ceramic protective coating developed for leather and leather-like materials, with particular emphasis on genuine and delicate leather. It provides resistance to contamination, staining, chemical exposure, UV radiation, fading, and everyday wear while adding hydrophobic and easy-to-clean properties. The formulation is specifically designed to preserve the original color, texture, appearance, and feel of the treated material without adding artificial gloss, stickiness, or a heavy surface finish. It is suitable for a wide range of leather goods and surfaces, including automotive interiors, furniture, accessories, and other high-quality leather products. Ceramic Pro LUX SIM may be used as a complementary preparation and compatibility-assessment step before application to help evaluate the expected visual and tactile result and prepare the surface for the LUX coating.
PRODUCT CLASS	Layer-Forming Protective Coating / Hydrophobic Surface Treatment
FORMULATION SYSTEM	Solvent-Based
SOLVENT / CARRIER TYPE	Hydrocarbon-Based
COMPONENT CONFIGURATION	Single-Component (1K)
TECHNOLOGY	Nano-Ceramic Coating Technology
SYSTEM ROLE	Stand-Alone Coating

LAYERING TYPE	Multi-Layer Coating
CURING MODE	Ambient Cure
COATING PERMANENCE	Permanent
PRIMARY FUNCTIONS	Chemical Resistance / Environmental Contaminant Protection / UV Protection / Stain Resistance / Hydrophobic Performance / Water Repellency / Contaminant Repellency / Self-Cleaning Performance / Reduced Surface Adhesion / Easier Maintenance / Finish Preservation / Wear resistance

TYPICAL TECHNICAL PROPERTIES

PROPERTY	VALUE	TEST METHOD / STANDARD
AS SUPPLIED		
Density	0.9 g/cm³ at 25 °C	ASTM D1475
Viscosity	10 mPa·s at 20 °C	ASTM D2196
CURED COATING		
Coating Thickness	<1 micron	ASTM B487
Water Contact Angle	110°	ASTM D7334

APPEARANCE

LIQUID APPEARANCE	Clear, colorless, homogeneous liquid, free from visible particles or sediment
CURED APPEARANCE	Clear and transparent, nonreflective

INTENDED USE

INTENDED USE DESCRIPTION	Ceramic Pro LUX is intended for the protection of compatible leather and leather-like materials, with particular emphasis on genuine, delicate, and high-quality leather. It is suitable for automotive interiors, furniture, accessories, luxury goods, and other leather products where resistance to staining, contamination, UV exposure, moisture, and everyday wear is required without significantly altering the original color, texture, appearance, or feel of the material.
APPLICATION AREAS	Automotive / Transportation / Residential / Commercial / Consumer &

Luxury Goods / Household Applications

SUITABLE SUBSTRATES

Leather & Leather-Like Materials Natural Leather / Synthetic Leather

SURFACE FINISH COMPATIBILITY & RETENTION Gloss — Preserved; Satin — Preserved; Matte — Preserved

USE ENVIRONMENT Interior & Exterior

APPLICATION LEVEL Professional Use Only

RESTRICTIONS AND LIMITATIONS

EXISTING SURFACE TREATMENT LIMITATIONS Do not apply over existing waxes, sealants, hydrophobic treatments, or protective coatings

SURFACE REQUIREMENTS

SURFACE CLEANLINESS Fully Clean / Free from Oils, Grease, Silicone, Waxes, Polishing Residues, Existing Coatings, and Other Contaminants

SURFACE MOISTURE CONDITION Fully Dry

SURFACE TEMPERATURE Recommended range: 10–30 °C

EXISTING COATING / PAINT CONDITION Fully Cured

ADDITIONAL REQUIREMENTS For best performance, the surface must be treated with Ceramic Pro LUX SIM prior to the application.

For complete substrate preparation procedures and product-specific preparation steps, refer to the current Installation Manual.

APPLICATION CONDITIONS

APPLICATION METHOD Applicator Application

RECOMMENDED AMBIENT TEMPERATURE 25 °C

RECOMMENDED RELATIVE HUMIDITY 50% RH

APPLICATION ENVIRONMENT Clean, Dust-Free Indoor Area

RECOMMENDED LAYERS 1+

CONSUMPTION PER LAYER 20-25 ml/m² per layer

APPLICATION & CURING REFERENCE CONDITIONS

The application and curing times stated in this document are provided as reference values based on an ambient temperature of 25 °C, 50% relative humidity, and the typical coating thickness specified in this TDS. Actual timing may vary depending on substrate type and absorbency, application method, applied product quantity, final layer thickness after leveling, environmental conditions, and installer technique. The stated values should therefore be used as a technical reference rather than absolute process limits. During application, coating behavior should be observed and timing adjusted where necessary to achieve the intended result.

APPLICATION TIMING

FLASH TIME	30-60 seconds after application
LEVELING / WIPE-OFF WINDOW	approximately 60 seconds
MINIMUM INTERCOAT INTERVAL	40 minutes
MAXIMUM INTERCOAT INTERVAL	60 minutes

CURING

TACK-FREE TIME	1 hour
WATER CONTACT RESTRICTION	24 hours
RELEASE FOR SERVICE / DELIVERY	24 hours
TIME BEFORE WASHING	7 days
FULL CHEMICAL CURE	7 days

For accelerated or alternative curing procedures (if available), refer to the current Installation Manual.

STORAGE AND SHELF LIFE

STORAGE TEMPERATURE	5–25 °C
STORAGE CONDITIONS	Store in a dry place. Do not freeze, overheat, or expose to direct sunlight.
SHELF LIFE — UNOPENED	2 years in sealed packaging

AFTER OPENING

Use as soon as possible after opening.

PACKAGING

SECONDARY PACKAGING	Rigid Presentation Box
PRIMARY CONTAINER	Glass Bottle
AVAILABLE VOLUMES	50 ml

HEALTH AND SAFETY

GENERAL SAFETY	Chemical product. Handle and use in accordance with the current Safety Data Sheet (SDS) and product label.
SAFETY DATA SHEET	Refer to the current product Safety Data Sheet (SDS) for complete information on hazards, safe handling, personal protective equipment, first aid, storage, disposal, transport, and emergency measures.

TECHNICAL DATA BASIS

The technical data stated in this document are based on internal laboratory testing, third-party testing where applicable, and current technical knowledge of the product.

Unless otherwise specified, all stated values are typical values obtained under controlled test conditions and are provided for technical reference. They should not be interpreted as guaranteed specification limits for every individual production batch.

Actual results may vary depending on substrate type and condition, application method, applied quantity or coating thickness, environmental conditions, curing conditions, and other application-specific factors.

Where a specific test method, standard, substrate, or test condition is relevant to the interpretation of a reported value, it should be stated together with that value.

LEGAL & TECHNICAL DISCLAIMER

The information and recommendations contained in this Technical Data Sheet are based on current product knowledge and the technical data available at the time of publication.

Actual product performance may vary depending on substrate type and condition, surface preparation, application method, environmental conditions, curing conditions, subsequent maintenance, and conditions

of use. The product must be applied in accordance with the specified requirements and the current Installation Manual.

Users are responsible for verifying product suitability for the intended substrate and application, particularly where materials, conditions, or uses fall outside those specifically described or validated by the manufacturer.

This Technical Data Sheet does not replace the applicable Safety Data Sheet (SDS). Refer to the current product SDS for complete information regarding hazards, safe handling, personal protective equipment, first aid, storage, disposal, and emergency measures.

For complete surface preparation, application, curing, and installation procedures, refer to the current Ceramic Pro Installation Manual applicable to the product.

Always refer to the most recent published version of this Technical Data Sheet. Product specifications, formulations, recommendations, and supporting documentation may be updated as part of ongoing product development and technical review.

This document does not modify or replace any applicable product warranty terms or other contractual conditions.