



DURASLIC · COATINGS

DURASLIC DS 1500 CERAMIC NANO COATING

PERMANENT MULTI-LAYERABLE CERAMIC NANO COATING ·
HYDROPHOBIC + OLEOPHOBIC · 30 ML / 50 ML

SKU

DS1500-30ML

30 ML.

50 ML.

DS1500-50ML

Hand-applied permanent ceramic nanocoating based on NanoSlic technology – hydrophobicity, gloss, abrasion resistance and UV protection; multi-layerable and top-coatable with SpeedCoat (duraslic.com DS 1500 TDS).

PERFORMANCE

ROLE	Hand-applied permanent ceramic nanocoating (mfr TDS)
SURFACES (MFR)	Painted, coated and base metal, glass and plastics (mfr TDS)
WATER CONTACT ANGLE	105° ASTM D7490 (mfr TDS)
N-HEXADECANE CONTACT ANGLE	63° (mfr TDS)
PENCIL HARDNESS	10H Mitsubishi (mfr TDS)
FILM THICKNESS	200 nm (mfr TDS)
SCRUB PERFORMANCE (MFR)	5-year scrub test performance claimed on TDS attributes
CURE (MFR)	Tack-free 20–30 min; 7H after 18 h; full 10H in 3 days RT; rain-ready 24 h (mfr TDS)
TOP COAT OPTION	Can be top-coated with SpeedCoat (mfr TDS)

APPLICATION & PHYSICAL

METHOD	Hand-applied ceramic; see separate DS 1500 application instructions (mfr TDS)
PRE-CLEAN	No-residue detergent → rinse/dry → Panel Prep & Glass Wipe (mfr TDS)
SPECIFIC GRAVITY @ 23 °C	1.02 g/cm³ (mfr TDS)
VISCOSITY @ 23 °C	3–5 cP (mfr TDS)
NONVOLATILE CONTENT	10–12% (mfr TDS)
PACK SIZES (CATALOG)	30 ml / 50 ml (MDSC catalog)

OVERVIEW

Hand-applied permanent ceramic nanocoating based on NanoSlic technology – hydrophobicity, gloss, abrasion resistance and UV protection; multi-layerable and top-coatable with SpeedCoat (duraslic.com DS 1500 TDS).

DIRECTIONS

- 1 Wash thoroughly; dry without assist chemicals (mfr application instructions).
- 2 Do not coat in direct sunlight (mfr application instructions).
- 3 Finish prep with Panel Prep & Glass Wipe (mfr TDS).
- 4 Apply per DS 1500 application instructions; additional layers after cure for greater protection (mfr TDS).
- 5 Do not disturb during tack-free window; rain-ready 24 h (mfr TDS).
- 6 PPE – mask and safety glasses recommended; flammable – see SDS (mfr TDS warning).

SAFETY SNAPSHOT

WARNING — FLAMMABLE LIQUID AND VAPOUR (CIRTEC / WESMAR SDS §2)

GHS: H226 Flammable liquid and vapour (Cat. 3); H302 Harmful if swallowed; H312 Harmful in contact with skin; H335 May cause respiratory irritation; H402 Harmful to aquatic life. Signal word Warning (CirTec SDS hosted at Wesmar).

APPEARANCE	Clear liquid (CirTec SDS §9)
FLASH POINT	22 °C (CirTec SDS §9)
BOILING POINT	73 °C (CirTec SDS §9)
RELATIVE DENSITY	1.02–1.03 (CirTec SDS §9)
PH	Not applicable (CirTec SDS §9)

Manufacturer SDS — DS 1500 Ceramic Nano Coating →

SOURCES

1. Manufacturer tech data / product information — <https://www.duraslic.com/wp-content/uploads/2020/12/DuraSlic-1500-Updated-TDS.pdf>
2. Manufacturer product page — <https://www.duraslic.com/product/ds-1500/>
3. Manufacturer SDS (DS 1500 Ceramic Nano Coating) — <https://wesmarproducts.com/sds/miscellaneous/DS-DS15001-150050-DS-1500-SDS.pdf>