

AWLGRIP® HDT CLEARCOAT

HIGH DEFINITION TECHNOLOGY POLYURETHANE FINISH

PRODUCT INFORMATION

AWLGRIP.COM

FEATURES & BENEFITS

High Quality Finish:

- Durable surface with improved micro-scratch resistance, backed by extensive trials and testing
- Amazing flow properties for a glossy finish with exceptional DOI (Distinction of Image)
- Magnifies the colors of Awlcraft® SE through excellent gloss and color retention

Flexible Application:

- Buffable, polishable and repairable, enabling spot repair
- Can be applied in 2-3 coats, for increased time savings
- Suitable for electrostatic, reduced pressure and conventional application



Awlgrip has created a new standard in topcoat appearance: **High Definition Technology**. This high-performance, mirror-like polyurethane clearcoat combines hardness and micro-scratch resistance with the repairability of a softer coating.

Specifically tailored for use with the Awlcraft SE system with consistent application and outstanding durability, Awlgrip HDT Clearcoat delivers all of these features without compromise, reflecting the skill of the applicator without sacrificing flexibility or consistent results.

For technical and application information, please refer to the technical datasheet available at awlgrip.com or contact your local Awlgrip Sales Representative for more information.

SPECIFICATION DATA

Sales Code:

OC0300/1GLEU – HDT Clear Base
OC0010/1GLEU – HDT Curing Solution
OA0010/1QTLT – Slow Activator
OA0020/1QTLT – Fast Activator

Mix Ratio by Volume:

1 : 1 : 0.25 (Base : Curing Solution : Activator)

Application Method:

Conventional, HVLP, Air Assisted Airless, Electrostatic Spray

Recommended Total Wet Film Thickness:

6-8 mils (150-225 microns) achieved in 2 to 3 coats

Recommended Total Dry Film Thickness:

3 mils (75 microns)

Number of Coats: 2 to 3

VOC: 420g/l or 3.5 lbs/gal

TYPICAL SYSTEM

Above the Waterline:

6	Awlgrip HDT Clearcoat
5	Awlcraft SE
4	545 Epoxy Primer
3	High Build
2.5	Awlfair Surfacing Filler
2	Awlfair LW Fairing Compound
1	Hullgard Extra
SUBSTRATE	

CARE AND MAINTENANCE OF AWLGrip® HDT CLEARCOAT*

It is difficult for dirt grime and grease to adhere to an Awlgrip HDT Clearcoat. However, over time, a build up of dirt, grease and other contaminants can cause the finish to appear dull. The mirror-like gloss can be easily maintained by following these simple guidelines:

DO:

1. Wash the surface regularly with Awlwash 73234 or Awlwash 2.0 73235 and water. Regular cleaning will avoid build up which can slowly attack the topcoat, prematurely ageing the coating. Use soft, non-abrasive cloths, sponges or washing mits when washing.
2. Use only mild solvents to remove stubborn stains. Awlprep T0008, mineral spirits, xylene, kerosene and diesel fuel are acceptable for use on Awlgrip HDT Clearcoat.
Apply solvents with soft clean cloths. Wipe up solvent quickly. Do not allow solvent to dry on the surface or puddle and soak into the surface. Wash these areas with Awlwash or Awlwash 2.0 and water to remove solvent residue. When using solvents to remove stains, test an inconspicuous area first.
3. Always thoroughly rinse surfaces with fresh water after cleaning with Awlwash, Awlwash 2.0 or solvents. Latent solvent residue can attack the topcoat, while detergent residue will attract dirt.
4. Use distilled white vinegar and hot water to remove stubborn salt stains. Washing with Awlwash or Awlwash 2.0 after use of vinegar is recommended.
5. Use Awlcare 73240 by hand only to remove mild diesel soot stains. Protecting the surface with Awlcare 73240 will help maintain the gloss of Awlgrip HDT Clearcoat. Awlcare is a **hand applied**, non-abrasive, synthetic polymer. It will remove mild stains, water spots and diesel soot while increasing resistance to attack from acid rain and other pollutants, when applied regularly. It contains no harsh abrasives. Awlcare leaves a non-yellowing, protective polymer coating which lasts through multiple washings. Use Awlcare to temporarily seal and restore gloss to painted surfaces dulled by age or mistreatment.

DO NOT:

1. Do not use traditional waxes.
General: Traditional waxes break down rapidly. The residue can cause the topcoat to appear yellow, plus it attracts dirt. This creates the need to maintain the wax, increasing overall maintenance. Traditional waxes which contain no abrasives probably do little harm to the coating, but offer no benefit.

2. Do not use abrasives, scratch pads or polishing compounds. Scratching the surface gives dirt a place to cling while wearing out the resin layer. Using abrasives of any kind will reduce the overall life of the finish and voids the Awlgrip Limited Warranty.
3. Do not allow contact between the Awlgrip HDT Clearcoat and teak cleaners. Most teak cleaners contain acids or caustic agents that stain and discolor an Awlgrip HDT Clearcoat.
4. Do not allow metal polishes to dry on the surface of Awlgrip HDT Clearcoat. Metal polishes may discolor and stain the painted surface. Metal polishes contain acids. Rainwater and dew running off metal fittings will spread metal polish residue onto the paint surface and will etch and dull the paint finish. Washing freshly polished metal fittings thoroughly with Awlwash or Awlwash 2.0 and water can help eliminate polish residue and reduce the metal polish run off.
5. Do not use strong solvents (eg. lacquer thinner, M.E.K., acetone) to clean Awlgrip HDT Clearcoat.
6. Do not allow wet equipment (e.g. seat cushions, coils of line, sails, sail covers, coolers) to trap and hold moisture against Awlgrip Topcoats. This condition can result in blistering or delamination of the Awlgrip HDT Clearcoat.
7. Do not 'shrink wrap' or tightly bind Awlgrip HDT Clearcoat surfaces with plastic wrappings. The cover system, whether synthetic or natural fiber, should be ventilated to allow the coating system to 'breathe'. Do not pull the cover tight to the surface painted with Awlgrip HDT Clearcoat. This can trap and hold moisture on the surface, resulting in loss of gloss, blistering, or delamination of the topcoat. Do not allow the cover to chafe against the painted surface, a chafing cover, especially when accompanied by airborne dirt, can abrade the surface and cause premature loss of gloss.

PRODUCT COMPONENTS, REDUCERS, ADDITIVES AND AUXILIARY COMPONENTS

Awlgrip Repair - Topcoat Blender	T0195
Awlgrip Repair - Basecoat Blender	T0190
Awlgrip Repair - Basecoat Foundation coat	E3001
Griptex Non-Skid Particles-Fine	73012
Griptex Non-Skid Particles-Coarse.	73013

Griptex Non-Skid Particles-Extra Coarse	73237
Equipment Cleaning	T0001, T0002, T0003, or M.E.K.
Awlwash Wash Down Concentrate.	73234
Awlwash 2.0 Wash Down Concentrate.	73235
Awlcare Protective Polymer Sealer.	73240

* This care and maintenance guide is only for use with Awlgrip HDT Clearcoat.
Please refer to the Awlgrip Application Guide for information applying to Awlgrip, Awlcraft 2000 and Awlcraft SE.