

AWLGRIP® HDT HIGH DEFINITION TECHNOLOGY POLYURETHANE FINISH

PRODUCT INFORMATION

AWLGRIP.COM

UNRIVALED APPEARANCE & SUPERIOR PROTECTION

Awlgrip has created a new standard in topcoat appearance & durability: High Definition Technology. This high performance mirror-like single stage topcoat specifically tailored for use with AkzoNobel toners, meaning more colors quickly with new exciting color tools to choose your color faster.

FEATURES & BENEFITS

- Outshines other topcoats with its glossy finish & excellent Distinction of Image (DOI)
- High performance polyurethane topcoat that combines hardness & micro-scratch resistance with repairability
- New High Definition Technology (HDT) specifically tailored for consistent application, unrivalled durability and exceptional color retention
- Using toners instead of tint bases giving an easier Awlgrip color platform to manage
- Large range of colors available on mixitcloud.com combined with new color tools: AutoMatchic Vision & AwlMatch color scanning tools
- VOC compliant in all colors



Awlgrip HDT delivers all these features without compromise, reflecting the skill of the applicator without sacrificing quality or consistent results.

This new cutting-edge topcoat offers superior in-service performance with **24 months warranty**, backed by extensive trials and testing, so you can have the best of both appearance & durability.

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:

OC0310/1GLLT - HDT Binder Base
YSC000 to YSC024 (GL or QT) - AkzoNobel Toners
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:

3 mils (75 microns) per coat. 2 to 3 coats required depending on color

Recommended Total Dry Film Thickness:

3 mils (75 microns)

TYPICAL SYSTEM

Above the Waterline:

6	Awlgrip HDT
5	545 Epoxy Primer
4	High Build / Ultra Build
3.5	Awlfair Surfacing Filler
3	Awlfair LW Fairing Compound
2	Hullgard extra Epoxy primer
1	Max Cor CF
SUBSTRATE	

PRODUCT COMPONENTS, REDUCERS, ADDITIVES AND AUXILIARY COMPONENTS

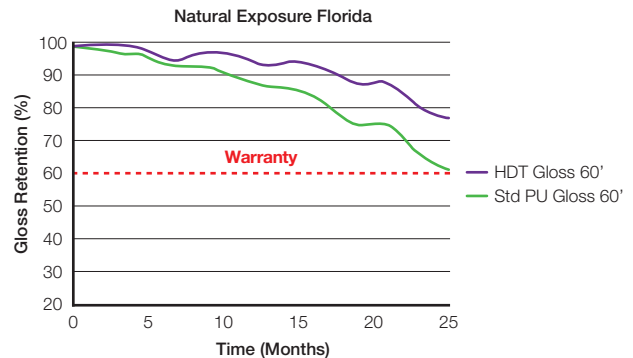
Awlgrip Repair topcoat blender T0195	Awlgrip flattening agent G3013
Griptex Non-Skid Particles-Fine 73012	Equipment Cleaning T0001, T0002, T0003, or M.E.K.
Griptex Non-Skid Particles-Coarse 73013	Awlwash and Awlwash 2.0 73234 and 73235
Griptex Non-Skid Particles-Extra Coarse 73237	Awlcare Protective Polymer Sealer 73240

FROM INSIGHT TO INNOVATION

Recognizing the demand for a topcoat that filled the gap between hard, durable finishes and slightly softer, repairable finishes we saw the opportunity to create something revolutionary. We leveraged the knowledge gained from over 45 years of creating world-class coatings to design Awlgrip HDT from the ground up, keeping superior performance and unrivaled finish in mind from the very beginning. That's when our knowledge of formulation and application came in – our development and technical teams worked together to fine-tune the product attributes and application properties of this brand new coating. Yacht coatings are applied in a wide range of temperatures, humidities and wind conditions. Therefore, our team undertook exhaustive testing, verifying that Awlgrip HDT could weather all kinds of application conditions. Natural exposure and accelerated weathering techniques were used to make sure that our product could withstand even the harshest environments, while still maintaining the gloss & appearance that customers around the world expect from Awlgrip.

This approach resulted in great benefits - and particularly our extended in-service performance. Awlgrip HDT provides a sustainable solution without compromising on quality. It boasts a combination of exciting features never before seen in a topcoat.

Warranty valid for full AkzoNobel system on new builds or 545/topcoat for Maintenance & Repair			
	Warranty Term	Gloss Retention	Color retention (Delta E)
Awlgrip Topcoat	18m	60%	7.5
Awlcraft 2000	18m	60%	7.5
Awlcraft SE/Awlcraft 2000 Clear	18m	60%	7.5
Awlgrip HDT	24m	70%	6
Awlcraft SE/Awlgrip HDT Clear	24m	80%	5
Traditional Sand & Apply applications or Scratch & Shoot			
All	12m	60%	7.5



CARE AND MAINTENANCE OF AWLGRIP® HDT

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.
2. Use only mild solvents to remove stubborn stains. Awlprep T0008, mineral spirits and xylene are acceptable for use on Awlgrip HDT. Do not allow solvent to dry on the surface or puddle and soak into the surface. Wash these areas with Awlwash and water to remove solvent residue.
3. Always thoroughly rinse surfaces with fresh water after cleaning with Awlwash or solvents.
4. Use distilled white vinegar and hot water to remove stubborn salt stains. Washing with Awlwash after use of vinegar is recommended.
5. Use Awlcare (73240) by hand only to remove mild diesel soot stains. Protecting the surface with Awlcare will help maintain the gloss of Awlgrip HDT. 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.

DO NOT:

1. Do not use traditional waxes. Awlgrip has developed Awlcare Protective Polymer Sealer for those who want to enhance their finish and need the additional cleaning power of a hand applied, dry wash product.
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 and teak cleaners.
4. Do not allow metal polishes to dry on the surface of Awlgrip HDT. Metal polishes may discolor and stain the painted surface.
5. Do not use strong solvents (eg. lacquer thinner, M.E.K., acetone) to clean Awlgrip HDT.
6. Do not allow wet equipment (e.g. seat cushions, coils of line, sails, sail covers, coolers) to trap and hold moisture against Awlgrip HDT.
7. Do not 'shrink wrap' or tightly bind Awlgrip HDT surfaces with plastic wrappings. The cover system, whether synthetic or natural fiber, should be ventilated to allow the coating system to 'breathe'.

Full care & maintenance guidelines can be found in the dedicated brochure and on Awlgrip.com



Visit us at awlgrip.com for further information.

The information given in this sheet is not intended to be exhaustive. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk and, to the extent permitted by law, we can accept no responsibility for the performance of the product or for any loss or damage arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

All trademarks mentioned in this publication are owned by, or licensed to, the AkzoNobel group of companies. © AkzoNobel 2019.

