Clean Armor Technology, LLC
7222 Commerce Center Drive, Suite 220
Colorado Springs, CO 80919

Technical Data Sheet
Wood 757 Commercial Tabletop Finish

1. Product and Storage Information

Product Description: A UV Curable Commercial Tabletop Finish specifically designed for production use for the hospitality industry that is mechanically applied by hand, roll coat, brush, or automated spray equipment. Thin/low build applications. For use on wood and synthetic substrates. Can be applied over pre-existing fully cured substrates. For commercial high traffic use with excellent chemical, heat, abrasion, mar, scratch, and impact resistance. Designed to withstand continuous maintenance using commercial grade cleaning products. Designed for minimal sanding during application.

- Chemical, heat, abrasion, mar, scratch, and impact resistant.
- High traffic commercial use.
- Excellent adhesion.
- Optically clear.
- Non-yellowing.
- Excellent weathering.
- For minimal sanding application.
- For thin build applications.
- Tintable.

For new build applications we recommend the use of Wood 750 Commercial Tabletop Sealer with the Wood 757 Commercial Tabletop Finish.

Available Finishes: Gloss - Satin - Matte

Sheen Levels:

Matte 5-15 deg gloss *
Satin 20-40 deg gloss *

*Sheen levels were measured using a spray application.
Note: Sheen levels may vary if using hand application.

Suitable Surfaces:

All Production Wood Products	**Epoxy Primer**
2K Surfacer / Undercoater	**Base Coat**
Tintable Sealer	**Fully Cured Stains / Dyes**

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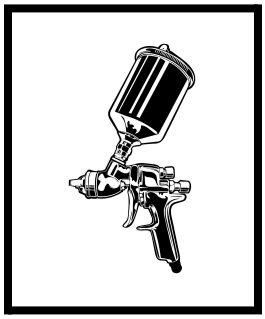
Storage: The product should be stored within the temperature range of 50°f to 90°f and in the original container. Do not return unused material into the original bottle. Satin and matte products will naturally settle over time. Low sheen product quality/shelf life can be maximized by agitating/stirring once every 7 to 10 days, as indicated on the product labels. All satin or matte products, no matter their chemistry, will settle over time and need regular agitation to maintain optimum performance.

2. Application

Use suitable respiratory and PPE equipment

See Section 6 (Liability/Hazard Info) for more details



Preparation Process: Use 91-99% isopropyl alcohol (IPA) to prep before application of the coating.

You may use a wax and grease remover or tack cloth, to prepare the surface to be coated, but it must be followed up with a 91-99% isopropyl alcohol (IPA) prep prior to application of the coating.

Application Process: Shake or Stir well before use. Apply in a well-ventilated area, use appropriate PPE and a respirator (refer to SDS). Hand apply, brush, roll coat, or spray with fine atomization onto substrate. Product can be applied at temperature ranges of between 60°f and 112°f as well as humidity up to 97%. Product temperature should be at minimum 72°F. Depending on spray equipment, product may need to be reduced no more than 20% to spray viscosity with 91-99% isopropyl alcohol, Substrate temperature should be at minimum 60°f. Designed for automated spray equipment. The remaining unused polymer should be stored in an opaque container and may be reused as long as the viscosity has not increased. Unused polymer should not be returned to the original container. The spray equipment can be cleaned with isopropyl alcohol or acetone.

WARNING: material will start curing immediately when applied in direct or indirect sunlight.

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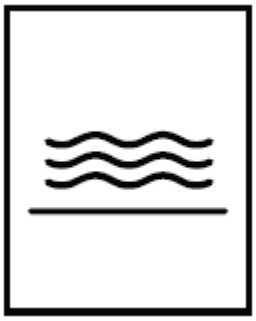

Recommended Use:

757 Commercial Tabletop Finish is designed to work with the 750 Commercial Tabletop Sealer in a 2 coat application. A single coat of 750 as the sealer, and a single coat of the 757 as the top coat.

Build Coats:

*Surface should be fully sealed before applying the top coat.

1. Apply 1 to 2 mils.

*Note: For vertical applications recommended coverage 1-1.5 mil.

*Film weight can be measured using a wet mil gauge.

2. Allow to dwell up to 3 minutes before curing.

*Note: Do not continue to the curing step until the surface of the coating has reached your desired look, as curing will lock it in place. Avoid the need for sanding by ensuring that you do not have excess material applied as the material is very tough to sand due to its durability.

3. Cure for 2-4 min with UVA curing light or indirect/direct sunlight. Do not interrupt the cure cycle until tack-free.

Can be sanded between 750 Sealer and 757 Finish. It is not recommended to sand/polish the 757 Finish.

For lower sheen finish applications it is recommended to spray for best results as hand application can affect the sheen levels.

To remove any contaminants or burrs we recommend using a nib file or an 8000 grit pad wet.

Spray Gun Set-Up / Application Pressure:

RP - Gravity Feed	**1.0 - 1.3 mm**	**15-35 psi**
HVLP - Gravity Feed	**1.0 - 1.3 mm**	**Max 20 psi (cap)**

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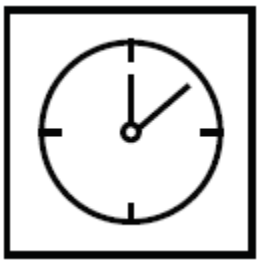
3. UV Through Cure Verification

Use this procedure to verify your UVA curing light is adequate to thoroughly cure the product. The UVA range to be used is between 365 - 405 nm.



1. Use a test article and apply a 3 mil coat.
2. Cure with UV light for 2 minutes.
3. Let rest for 10 minutes.
4. Check for a tack free surface. If it's not tack free then it has insufficiently cured*.
5. Take 220 grit sandpaper and sand completely through looking for dry powder all the way through. If you encounter gummy material or clogged sandpaper then it has insufficiently cured*.

***An insufficient cure indicates that the UVA light is unable to cure the product. (This could be due to the distance or total output power of the light). An insufficient amount of product down per application could result in an undercured coating.**

***Possible Reasons for Insufficient Cure:**				
	Tacky Surface	Wet Surface	Wrinkled Surface	Bubbles present
Excessive film build	-	☑	☑	-
Insufficient film build	☑	-	-	-
Surface was not fully sealed	☑	☑	-	-
Insufficient curing light	☑	☑	-	-
Curing light is too intense	-	-	☑	☑
Curing light is too far away from the substrate	☑	☑	-	-
Curing light is too close to the substrate	-	-	☑	☑
Substrate was not fully dry	☑	☑	-	-

**an insufficient cure is not limited to the items in this table*

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4. Cleaning Process

Use isopropyl alcohol and/or acetone to clean tools and equipment. Cure excess or unwanted material on surfaces or filters with UV light.

5. Material Details

Solid Content	**100%**
Volatile Organic Content	**0%**
Coverage @ 1 mil	**1608 sq. ft./gal**

6. Liability/Hazard Info

See SDS for complete information.

Although the product is VOC free it should be used in a well-ventilated area.

If skin contact occurs immediately wash with soap and water.

Harmful if swallowed.

Causes skin and eye irritation and may cause an allergic skin reaction.

WARNING: Exposing open containers or barrels of product to direct or indirect sunlight will result in a run away exothermic reaction. Product is unstable until properly cured.

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Personal Protective Equipment: Eye/face protection: Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: Use a full paint suit with hood, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate, use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: Do not let product enter drains.