

Griptex[®] 73012/73013

Non-Skid Additive

Technical Data Sheet

Product Group

Polymer Bead additive component

Characteristics



Product
Information

Provides topcoat a non-skid surface on wing walkways, step areas and other areas requiring non-skid surfaces.

Components



73012 Griptex[®] Non-Skid particles – Fine
73013 Griptex[®] Non-Skid particles – Coarse

Specifications



Qualified
Product List

AkzoNobel Aerospace Coatings Certification

For most recent up-date or missing specifications please check the qualified product list (QPL) on www.akzonobel.com/aerospace

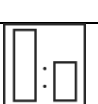
Surface Conditions



Cleaning

Surface pretreatment is an essential part of the painting process. This product is an additive component. See instructions for the primary product.

Instruction for Use



Mixing Ratio
(volume)

8-10 ounces of Griptex[®] by weight per gallon of mixed color base and curing solution.

- Add Griptex[®] after stirring the catalyzed mixture thoroughly.

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Induction Time

None. This product is an additive component. See instructions for the primary product



Initial Spraying
Viscosity
(25°C/77°F)

None. This product is an additive component. See instructions for the primary product.



Pot life
(25°C/77°F)

This product is an additive component. See instructions for the primary product.



Dry Film
Thickness
(DFT)

This product is an additive component. See instructions for the primary product.



Note

Even on small jobs, long-term performance is improved if surfaces are primed before a topcoat is applied.



Conditions

Temperature:	15 – 35°C 59 – 95°F
Relative Humidity:	35 – 75%

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Application Recommendations

Griptex[®] Non-Skid Particles may be added to mixed topcoats and applied by spray. The dry particles can be broadcast or sprinkled into a tacky paint film.

Do not apply paint materials to surfaces warmer than 105°F/40°C or colder than 55°F/13°C. Do not attempt to cure products at temperatures below 55°F/13°C.

Cautions:

1. Previously painted surfaces must be tested for compatibility before applying AkzoNobel Aerospace Coatings Products;
2. Gelcoat non-skid areas need to be thoroughly cleaned and abraded. Use Scotch-Brite[®], water, abrasive cleaners, and stiff brushes to ensure proper cleaning.
3. For final removal of abrasive residues and sanding dirt, wrap a stiff bristle brush in a clean cotton cloth. Scrub the sanded surface with the cloth wrapped brush. The bristles of the brush force the cloth into the grooves and valleys of the old non-skid, removing contaminants from the surface. Change the cloths frequently. Flush the surface with fresh water. Allow the surface to dry, and then wipe with T0008, C28/15 or mineral spirits.



Note

The quality of the application of all coatings will be influenced by the spray equipment chosen and the temperature, humidity, and air flow of the paint application area. When applying the product for the first time, it is recommended that test panels be prepared in order to identify the best equipment settings to be used in optimizing the performance and appearance of the coating.

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**Application
Recommendations**
Continued
Broadcast Method

**Application Instructions of Topcoat with Griptex[®] Non-Skid Additive
Particles - Broadcast Method:**

The easiest way for beginners to obtain a non-skid finish is to use the Broadcast-Shaker Method. Griptex[®] Non-Skid is added to a still tacky application of topcoat.

1. Solvent wipe the primed and sanded surface.
2. Mask the perimeter of the non-skid areas. 3M[™] **Scotch[®] Fine Line Tape #218** can be used in all areas except those with tight curves. Use 3M[™] Vinyl Tape471 for sections with tight curves.
3. Apply a light, smooth coat of topcoat by spray, brush, or roller. Allow the topcoat to flash off 10 to 20 minutes until the surface is slightly dry but still sticky.
4. Using a flour sifter, powdered sugar shaker, or the punctured container itself, sprinkle the Griptex[®] Non-Skid into the paint film. To use the Griptex[®] container, first punch holes in the lid with a nail or ice pick. Overlap the broadcasting stroke to provide a uniform pattern. Allow to dry 12 to 16 hours.
5. Vacuum or blow off loose, excess Griptex[®] Non-Skid Additive Particles. Repeat Steps 3 and 4 on any areas that need additional non-skid particles
6. Apply 1 or 2 sealer coats of topcoat over the entire non-skid surface. This coat encapsulates the Griptex[®] Non-Skid Additive Particles in the paint, maximizing durability.

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**Application
Recommendations**
Continued
Spray Method

**Application Instructions of Topcoat with Griptex[®] Non-Skid Additive
Particles - Spray Method:**

Use a siphon gun or a pressure pot with agitator. A .070 fluid tip is required. Surround non-skid areas with 36 inches (.914 meters) of masking paper.

1. Protect other areas from overspray. Each pass must begin and end on the masking paper.
2. Solvent wipe the primed and sanded surface.
3. Mask the perimeter of the non-skid areas. 3M[™] **Scotch[®] Fine Line Tape #218** can be used in all areas except those with tight curves. Use 3M[™] Vinyl Tape 471 for sections with tight curves.
4. Surround all non-skid areas with 3 feet (.914 meters) of masking paper.
5. Mix Topcoat Color Base with Curing Solution and appropriate reducer as applicable. Add 8-10 oz. (227-284 grams) by weight of Griptex[®] Non-Skid Particles for each mixed gallon of topcoat.
6. Apply by triggering the gun over the masking paper and spraying across the non-skid area in one continuous pass. The spray gun should be held well off the surface. Spraying from waist high while walking is ideal. The paint will fall to the surface as a light, dry coat. If using a siphon gun, shake the gun and cup at the end of each pass to keep the Griptex[®] mixed in the paint. Allow the coat to thoroughly tack.
7. Apply a coat of topcoat to seal the surface.

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Note
Warnings:

1. **Do not stop spraying until you reach the masking paper on the opposite side. Each spray pass must begin and end on the masking paper. Large areas may require walking on the surface.**
2. **Griptex[®] Additive Particles can be trapped in the fluid tip when the gun is shut off, causing the gun to spit and drip. Keep a rag handy to wipe the gun tip after each pass.**
3. **Never use Griptex[®] Additive Particles in an airless spray gun or an air assist airless spray gun. Mastering the spray application of non-skid finishes can be a very time consuming process. Applicators that do not apply non-skid materials on a regular basis will find the Broadcast Method much easier to master.**



Equipment

Use air atomized spray equipment recommended for topcoats. Fluid tip must be at least .070" mm nozzle orifice.

Do not use airless or air assist airless spray equipment.



Number of
Coats

This product is an additive component. See instructions for the primary product.



Cleaning of
Equipment

This product is an additive component. See instructions for the primary product.

Physical Properties



Drying Times
(25 +/- 2°C / 77
+/- 2°F, 55 +/-
5% RH)

This product is an additive component. See instructions for the primary product.



Theoretical
Coverage

This product is an additive component. See instructions for the primary product.

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Dry Film Weight

This product is an additive component. See instructions for the primary product.



Volatile Organic
Compounds

This product is an additive component. See instructions for the primary product.



Gloss (60°)

Not applicable, this product is an additive component. See instructions for the primary product.



Color

Translucent



Flash-point

This product is an additive component. See instructions for the primary product.



Storage

Store the product dry and at a temperature between 5 and 38°C / 40 and 100°F per AkzoNobel Aerospace Coatings specification. Store in the original unopened containers. Storage temperature may vary per OEM specification requirements. Refer to container label for specific storage life information.

Shelf life
5 - 38°C
(40 - 100°F)

36 months per AkzoNobel Aerospace Coatings commercial specification. Shelf life may vary due to OEM specification requirements. Refer to container label for specific shelf life information.

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Safety Precautions

Comply with all local safety, disposal and transportation regulations. Check the Material Safety Data Sheet (MSDS) and label of the individual products carefully before using the products. The MSDS's are available on request.

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IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given is subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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