

# TRANSFORM MY WOOD SUBFLOOR

GOT A DIRTY, DINGY CAR HAULER THAT YOU WISH YOU COULD MAKE MORE APPEALING? OR, MAYBE YOU'RE TIRED OF THAT STAINED, DUSTY OLD FLOOR IN YOUR SHOP OR SHED. USING JUST FIVE PRODUCTS, YOU CAN CONVERT ANY WOODEN SUB-FLOOR INTO A THING OF BEAUTY - WITH ABRASION, STAIN AND CHEMICAL RESISTANCE TO BOOT! WHY DON'T YOU GIVE IT A SHOT?

DIFFICULTY RATING 



**BEFORE YOU BEGIN THIS PROJECT, PLEASE REVIEW ALL OF THE MATERIALS AND TOOLS REQUIRED TO ENSURE YOU HAVE EVERYTHING NEEDED FOR THE PROJECT.**

- (1) SPIKED SHOES
- (1) LATEX GLOVES
- (1) SAFETY GLASSES

**MATERIALS:**

- (1) ELASTO SHIELD WATERPROOFING/CRACK SUPPRESSANT (3.5 GAL)
- (1) COLORTEC 600WB PIGMENTED EPOXY (1 GAL KIT)
- (1) UV SHIELD 100% SOLIDS EPOXY (1 GAL KIT)
- (1) POLYMER FLAKES (25 LB BAG)
- (1) 2425 POLYASPARTIC (2 GAL KIT)

**TOOL KIT:**

- (1) EXTENDABLE BRUSH/ROLLER/SQUEEGEE HANDLE
- (1) 9" PAINT TRAY
- (1) 9" ROLLER FRAME/COVER
- (1) 2" CHIP BRUSH
- (1) 2" FIBER JOINT/SEAM TAPE
- (1) 2" PAINTER'S TAPE
- (1) MIXING PADDLE
- (1) 14" MAGIC TROWEL/FLOOR SQUEEGEE
- (1) 5-GALLON BUCKET
- (1) 2-QUART MIXING BUCKET

**STEP 1: PREP**

1. PERFORM A SANDING SCREEN WITH A BLACK PAD ON A BUFFING MACHINE. GO OVER ENTIRE SURFACE TO GET RID OF DIRT OR TIRE MARKS.
2. USE A PALM SANDER TO GET RID OF ANY OIL DRIPPAGE OR STUBBORN CONTAMINANTS.
3. VACUUM SURFACE TO REMOVE SAWDUST AND DIRT.

**STEP 2: PRIMER  
ELASTO SHIELD WATERPROOFING/  
CRACK SUPPRESSANT (3.5 GAL)**

1. APPLY 2" FIBER JOINT/SEAM TAPE ALONG SEAMS AND JOINTS TO PROTECT FROM MOVEMENT AND CRACKING WHEN THE TRAILER IS





MOVING.

2. USE A CHIP BRUSH TO APPLY ELASTO SHIELD OVER THE TAPE AND ALLOW TO DRY.\*

3. APPLY ELASTO SHIELD - CUT EDGES IN FIRST USING A BRUSH THEN ROLL OVER ENTIRE SURFACE AND LET DRY\*.

\*ALLOW TO "DRY TO TOUCH", UNTIL THE PRODUCT IS NO LONGER TACKY AND HAS CHANGED IN COLOR FROM PINK TO RED (~ 1-2 HOURS).

### STEP 3: BASE COAT COLORTEC 600WB WATER BASED PIGMENTED EPOXY (1 GAL KIT)



1. MASK ALL EDGES TO PROVIDE CLEAN LINES FOR THE EPOXY

2. MIX (4:1) – COMBINE PARTS A AND B INTO A CLEAN BUCKET AND MIX FOR THREE MINUTES TO GET A CONSISTENT COATING.

3. CUT IN EDGES USING A CHIP BRUSH.

4. POUR OUT EPOXY IN A RIBBON PATTERN AND SQUEEGEE ACROSS THE SURFACE IN A NORTH-TO-SOUTH PATTERN.

5. BACKROLL IN AN EAST-TO-WEST PATTERN TO LAY DOWN THE MATERIAL

6. BROADCAST FLAKE – THROW CHIPS IN A "FEEDING THE CHICKENS" MOTION AND LET THEM FALL GENTLY TO THE FLOOR. BROADCAST TO THE POINT OF REJECTION (TIL THERE ARE NO SHINY SPOTS OF EPOXY SHOWING THROUGH).

7. LET CURE OVERNIGHT.

8. REMOVE ANY EXCESS FLAKE WITH A LEAF BLOWER AND PUSH INTO A CORNER WHERE IT CAN BE SWEEPED UP. THE EXCESS FLAKE CAN BE USED AGAIN, OR MAY BE USED TO PATCH ANY SPOTS THAT WERE MISSED.

9. RUN FLOOR SCRAPER OVER THE SURFACE TO KNOCK DOWN ANY FLAKE THAT MAY BE STICKING UP.

10. VACUUM SURFACE TO REMOVE ANY LOOSE FLAKES.

### STEP 3: TOPCOAT UV SHIELD 100% SOLIDS EPOXY (1 GAL KIT)



1. REMASK EDGES TO PROVIDE CLEAN LINES

2. MIX (2:1) – POUR ALL OF PART B GOES INTO THE PART A CONTAINER AND MIX FOR TWO-THREE MINUTES TO GET THE PROPER REACTION.

3. POUR THIN RIBBON ALONG EDGE FIRST THEN IMMEDIATELY POUR THE REST OF THE MATERIAL ONTO THE SURFACE.

4. SQUEEGEE ACROSS THE SURFACE IN A NORTH-TO-SOUTH PATTERN.

5. BACKROLL IN AN EAST-TO-WEST PATTERN TO KNOCK DOWN WIND ROWS AND LAY DOWN THE MATERIAL.

6. LET DRY OVERNIGHT\*

\*ALLOW TO DRY ~ 10 HOURS

### STEP 4: SEAL \*OPTIONAL\* 2425 POLYASPARTIC (2 GAL KIT)



1. BUFF SURFACE WITH A BLACK PAD ON A BUFFING MACHINE TO GET ADHESION FOR THE POLYASPARTIC.

2. VACUUM SURFACE TO REMOVE ANY RESIDUE

3. REMASK EDGES TO PROVIDE CLEAN LINES.

4. MIX (1:1) – COMBINE EQUAL PARTS A AND B INTO A CLEAN CONTAINER AND MIX FOR THREE-FOUR MINUTES TO GET THE PROPER REACTION.

5. POUR ENOUGH MATERIAL FOR THE IMMEDIATE AREA AND SQUEEGEE IN A NORTH-TO-SOUTH PATTERN.

6. BACKROLL IN AN EAST-TO-WEST PATTERN TO KNOCK DOWN WIND ROWS AND LAY DOWN THE MATERIAL.

7. LET DRY.



## NEED MORE HELP?

REVIEW THE STEP-BY-STEP INSTRUCTIONAL VIDEO ANYTIME AT:

[HTTPS://DIYCONCRETE.COM/COLLECTIONS/TRANSFORM-MY-WOOD-SUBFLOOR](https://diyconcrete.com/collections/transform-my-wood-subfloor)

SUBMIT YOUR PROJECT PHOTOS TO [PROJECTS@DIYCONCRETE.COM](mailto:PROJECTS@DIYCONCRETE.COM) AND RECEIVE A

**FREE GIFT CARD**

TO USE TOWARDS YOUR NEXT PROJECT!