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SpeedyDry – Genesis LLC  
256 West Trade street,  
Burlington, NC 27217  
USA

Attention: Mr. Bill Orr, Western Regional Tech/Sales Manager

Dear Bill,

As you know we print Appliqués on a Vinyl substrate with a coating meant for offset printing. We have experienced numerous difficulties with the ink drying sufficiently to withstand our clients test procedures.

With the arrival of the SpeedyDry product these difficulties has been solved. We have passed the clients test requirements and we are entirely pleased with your product. Not only environmentally friendly, but in my experience of 43 years, the best drying product I have ever worked with.

We greatly appreciate your professionalism, help and instructions in introducing your product to our staff. We have had help from our ink supplier as well and they are extremely pleased with your product.

I have attached the testing procedures supplied by our client for your reference.

Again, a warm Thank You from IT.Worx, keep up the good work. ...

Kind regards,

Torben Spangler, CEO IT.Worx



**Blue Mountain**  
W A L L C O V E R I N G S

## **Peel & Stick Decoratives** **Quality Control Procedure**

### **Scrubbability test**

#### **PURPOSE OF TEST:**

The Scrubbability test determines the degree of scrub resistance that a Peel & Stick wallcovering has when scrubbed with a nylon brush and mild detergent.

#### **MATERIALS REQUIRED:**

17" X 11" Peel & Stick sample.

Gardner abrasion tester with brush model AG8112.

Water bath at 25°C.

Detergent solution consisting of Fantastik /water 1:1 (V/V).

#### **TEST PROCEDURE:**

1. Soak brush at least 15 minutes in water/soap solution.
2. Presoak wallcovering sample in water at 25°C for 2 minutes.
3. Insert sample in Gardner abrasion tester and secure with weighted holder.
4. Distribute 10 ml of detergent solution over area to be scrubbed.
5. Set the counter to zero.
6. Adjust number of cycles to 50.
7. Turn on scrub tester and allow it to run required cycles.
8. Remove sample and rinse under running water.

**9. Examine air-dried sample. Ignore areas of localized wear clearly related to wrinkles.**

**10. Report as follows:**

**Acceptable: No print or ground coat breakdown, slight removal and/or slight bleeding (discolored soap solution).**

**Unacceptable: Considerable or complete loss of print and/or ground coating and excessive color bleeding.**

# **Peel & Stick Decoratives** **Quality Control Procedure**

## **Adhesion properties – Hang testing**

### **PURPOSE OF TEST:**

To evaluate the adhesion of Peel & Stick wallcovering on different surfaces.

### **MATERIALS REQUIRED:**

Peel and Stick wallcovering.  
Oil painted hang board  
Water based painted hang board  
Glass  
Melamine board or surface.

### **TEST PROCEDURE:**

1. Ensure the hang surface is properly clean and dry.
2. Carefully peel the motif from the liner sheet.
3. Position the motif on the hang surface.
4. Smooth out any bubbles with your hand.
5. Repeat steps 1-4 on the four different surfaces.
6. One hour after first hanging, gently peel off from the surface and evaluate the adhesion subjectively.
7. Reposition the motif on another clean and dry area of the same surface and smooth out the bubbles again. Wait for another hour and repeat steps 6 and 7.
8. Let the motif stand on the surface for 12 hours or more, then evaluate adhesion again.
9. Report observations as follow:
  - 0- No adhesion, sample fall off the surface.
  - 1- Very weak adhesion
  - 2- Weak adhesion
  - 3- Moderate adhesion
  - 4- Strong adhesion
  - 5- Very strong adhesion, sample tears upon removal

# **Peel & Stick Decoratives** **Quality Control Procedure**

## **Coating adhesion test**

### **PURPOSE OF TEST:**

To determine the bonding characteristics of a coating to a Peel & Stick substrate.

### **MATERIALS REQUIRED:**

8 ½" CD X 11" MD Peel & Stick sample.  
Pressure-sensitive Scotch tape 3M 600 transparent.

### **TEST PROCEDURE:**

1. Apply a strip of Scotch tape along the cross-machine direction of the test sample. For easy removal, leave one end of the tape free. With one finger, apply even pressure along the tape 3 times back and forth.
2. Apply a second strip of tape in the opposite direction (machine direction) in the same manner as the first strip.
3. With a sudden snap, pull off each strip of Scotch tape.
4. Staple the tape strips behind the test sample to evaluate degree of pick-off.
5. Report as follows:

Acceptable:      None to slight coating pick-off.

Unacceptable:    Moderate to extreme coating pick-off.

### Quality Control on IT WORKS peel & stick products

Date of analysis: November 18th 2011

Description	Opacity	Tape test	Scrub	Wet Crock	Dry Crock
			STD = 50 cycles	STD = 10 cycles	STD = 10 cycles
Woody (small)	Transparent	5/5	50	-	-
Pink Character from Sponge Bob(tall)	Transparent	5/5	50	-	-
Sponge Bob (tall - 10 teeth)	Transparent	5/5	50	-	-
Sponge Bob (tall - 2 teeth)	Transparent	5/5	-	Pass	Pass
Rex - Buzz lightyear	Transparent	5/5	50	-	-
Woody (tall)	Transparent	5/5	-	Pass	Pass
Buzz Lightyear	Transparent	5/5	-	Pass	Pass
Sponge Bob (small)	Transparent	5/5	-	Pass	Pass