Application Guide

Pre-Application

1. Prior to applying DERMABOND PRINEO System (42 cm), ensure that the wound is clean, dry, and hemostatic. Close deep layers such that there is no tension on the skin edges. The skin edges must be closely approximated prior to application of the mesh, such that significant manual approximation is not required during mesh application.

2. Remove the first mesh patch from the mesh carrier and dispose of the mesh carrier (Figure 1).

Flatten the mesh patch at the crease gently. Remove the center section of the release backing paper from the mesh (Figure 2).

Hold the mesh by the corners of the backing paper, ensuring that the adhesive side of the mesh will be adhered to the patient’s skin (Figure 3).
**Application**

3. Position the mesh so one half is on either side of the incision, ensuring approximately 1 cm of mesh extends from the beginning of the incision (Figure 4). Press gently to ensure intimate contact of the mesh to the selected side of the incision.

4. **Gently** pull the mesh perpendicularly over the incision while adjusting with fingers or forceps to achieve skin edge approximation and affix the remainder of the mesh to the other side of the incision (Figure 5). If there are areas where the mesh is loose, gently pass a gloved finger or instrument over the affected area to ensure complete adherence of the mesh to the skin.

**Application — Key Steps**

5. Remove both paper backings/frames (Figure 6). **DO NOT APPLY LIQUID ADHESIVE UNTIL THE SECOND MESH HAS BEEN DEPLOYED.**

6. Repeat Steps 2 and 3 using the second mesh patch. **ENSURE A MINIMUM MESH OVERLAP OF APPROXIMATELY 1-5 CM BETWEEN THE FIRST AND SECOND MESHES** (Figure 7).

   Trim mesh as necessary, ensuring at least 1 cm of the mesh extends beyond the end of the incision (Figure 8).

7. Ensure that the meshes are in intimate contact with the skin prior to application of the liquid adhesive. If there are areas where the mesh is loose or not adhered to skin, gently pass a gloved finger or instrument over the affected area to ensure complete adherence of the mesh to the skin.
8. Apply liquid topical skin adhesive immediately after applying the mesh*:
   • Activate the liquid adhesive applicator by twisting the purple dial until a snap is heard (Figure 9)
   • Position the applicator tip straight down and away from the application area. Pinch the tip of the applicator and squeeze the flexible bulb one time. Once the pressure in the bulb is released, it will partly or completely fill with liquid adhesive (Figure 10). This primes the applicator for dispensing the liquid adhesive
   • Using short strokes and moving from one end of the meshes to the other, spread the liquid adhesive smoothly and evenly over the entire length of the meshes and surrounding skin (Figure 11).

   NOTE: DO NOT APPLY A SECOND COAT

   *See Instructions for Use for full details.

9. Once applied to the meshes, the liquid adhesive will polymerize within approximately 60 seconds. After 60 seconds, check that polymerization is complete by gently dabbing along the length of the meshes with a gloved finger, checking for tackiness. When no liquid or tackiness is apparent, the polymerization process is complete and the wound is closed and sealed.

Finally, inspect the incision for any blood or fluid accumulation under the mesh, including areas where fluid may be seeping through the mesh, which could potentially impact the adherence to the skin. If such areas exist, refer to full Instructions for Use.

For complete indications, contraindications, warnings, precautions, and adverse reactions, please reference full package insert.