



PIDILITE INDUSTRIES LIMITED

Marketing Division: P.B. No. 17411, Andheri (East), Mumbai 400 059 (India)

Date: 1st August 2018

TECHNICAL DATA SHEET

FEVICOL SWR Plus

FEVICOL SWR Plus a premium quality, synthetic resin based adhesive suitable for lamination, post forming and all types wood working & other applications in the furniture industry. **It is a technologically superior product in its class, providing very high water – resistance and confirms European (EN) 204 – D3 standard and also by addition of 5 % isocyanate cross linker , it confirms European (EN) 204 – D4 standard.** It is specially designed for applications in cold weather conditions. Because of its very high resin content and special formulation, it offers much better durability to the furniture & handicrafts used in high humidity areas. It is non – flammable, non - combustible and non - toxic in nature.

TYPICAL PROPERTIES:-

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|--------------------------|----------------------|
| • Appearance | Milky white emulsion |
| • Viscosity at 30 ± 2 °C | 105 to 145 Poise |
| • (By B.F. RVT Spl.-5, | |
| • RPM - 20.) | |
| • pH | 2.5 to 5.0 |
| • Flow | Continuous |
| • Spread ability | Smooth and easy |

FIELDS OF APPLICATION

APPLICATION METHOD

- Surfaces to be bonded should be free from oil; grease; dust and dirt and should be dry and properly leveled.
- For best results roughen the surfaces to be bonded.
- Stir content of container before use.
- Apply even coats of **FEVICOL SWR Plus** first on comparatively non-porous surface, and then on porous surface for e.g. apply first on laminate and then on wood.
- **FOR PLY TO LAMINATE** :- Before allowing adhesive to dry, bring both the surfaces in contact together, make proper alignment, and start pressing from one side by using wet squeezed cloth to avoid bubbles, and ensuring uniform contact.
- **FOR WOOD TO WOOD** :- Before allowing adhesive to dry, bring both the surfaces in contact together, make proper alignment & to get best result press them for 24 Hrs.
- Pressure can be applied by using nails; clamps; weight; masking tape etc.

- Excess adhesive; which oozes out from edges should be wiped off with wet squeezed cloth.
- The handling strength can be achieved in 2- 3 hrs and final bond strength achieved after 24 hrs. .

Furniture Industries

- Bonding laminate, plywood & other hard /soft wood, veneer, particleboard, MDF, block board, hard board etc. with each other.
- Specially made for woodworking industries for edge to edge joint, figure joint & all types of joints using all types of wood. It can also use to bond Plywood to Laminate.

Hardener Addition :- Fevicol SWR hardener is Isocyanate based product used as a cross- linker for the PVAc Glue Fevicol SWR Plus (Durability Class D3 according to EN 204). By homogeneously mixing 5.00 % with Fevicol SWR Plus (D3 – PVAc Glue) for 5 to 7 minutes, these two component products comply the requirement of durability Class D4 according to EN 204. Some foam may be possibly generated during mixing which can be minimized by slow stirring.

PRODUCT ADVANTAGES

- Easy to apply by brush, spatula or glue roller
- Excellent Water Resistance properties
- Short press time.

PRODUCT COMPLIANCE

STANDARDS: EN 204 D3 AND D4

ROHS COMPLIANCE:

GREEN BUILDING NORM: (LOW VOC)

FORMALDEHYDE FREE

PRODUT GUIDELINES

STORAGE

Store in cool & dark shaded place; away from the sunlight.

SHELF LIFE

Best to use before 12 Months from the date of Manufacture if stored in cool & dry place.

PRECAUTIONS

- When not in use, container should be kept closed.
- Skin formation if any, should be removed from the surface before use. Stir well before use.

PACKING

- 20 Kg & 50 kg.

NOTE

The Product information & application details given by the company & its agents has been provided in good faith and meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and on-site workmanship are factors beyond our control, there are no expresses or implied guarantee/ warranty as to the results obtained. The company does not assume any liability or any consequential damage for unsatisfactory results, arising from the use of our products.