Syneffex™ Effective solutions

Sustainability Simplified.™
very Simple.

CASE STUDY

Residential Application-Blinds

Award Winning Energy Saving and Asset Protection Coatings

GEOGRAPHICAL AREA:
Northern California

ISSUE:

Looking for a way to insulate blinds in bedroom to reduce heat gain.

SOLUTION:

HomeProtect™ clear coat

Coverage: 3-coats

RESULTS:

- ✓ Reduced heat gain into south-facing bedroom making room more comfortable.
- ✓ Clear coating allows the original look of the blinds to shine through.
- ✓ Provides resistance to mold, moisture and UV damage.
- ✓ Long lasting - 5-10 years.

- Customer Quote -

"We have a western facing sliding glass door in our master bedroom that gets full exposure to the sun, and yesterday temperatures reached over 90 degrees F. This room really heats up in the late afternoons during the summer. Last fall, I decided to coat half the blinds with HomeProtect™ Clear Coat and leave the other half
uncoated. With the sun hitting the closed blinds in the late afternoon, I could feel the difference in the amount of heat coming off of the backside of the blinds into our bedroom. It was much lower on the HomeProtect™ covered side. HomeProtect™ is terrific and has made our master bedroom more comfortable during the summer and reduced our cooling costs!"

-Allwyn, Northern California

HOW TO:

Application can be done on plastic, wood, wicker or similar types of blinds that have a solid, non-bending, surface for application of the coating.

Product to Use: HomeProtect™ Clear Coat

Step 1: Remove blinds and place on the floor/ ground on top of thick rosin paper (This can be found at home improvement stores).

Step 2: Mix the HomeProtect™ coating with either a hand stir or hurricane mixer at low speed according to application guidelines.

Step 3: Use a roller with a short nap size, approximately 1/4", to apply the first coat of HomeProtect™ at the recommended thickness of 4 mils (100 microns).

You can use a wet film thickness gauge to measure. Rule of thumb, the coats should remain fairly clear as they goes on. If the film is too milky, it may be too thick which can cause peeling as it dries.

Step 4: Allow the coat to dry for at least 1-2 hours, dry to touch and non-tacky, prior to application of the next coat.

NOTE: if you are applying to a very smooth and non- porous surface, allow the first coat to dry for 24 hours.

Step 5: Apply the second coat at the same thickness, and allow to dry for approximately 1-2 hours until it is dry to touch and non-tacky.

Step 6: Apply the third coat at the same thickness, allow to dry for approximately 1-2 hours, until it is dry to touch and non-tacky, and then you can rehang the blinds to finish drying.

The coating has a full cure time of approximately 30-days for a 3-coat coverage, so you should begin to experience thermal benefits approximately 2 weeks after application, and these will continue to improve as the cure time completes.

ALTERNATE APPLICATION METHODS:

You can also use a brush to apply the coatings, however you will want to watch out for brush stokes. Use a brush that is meant for use with water-based acrylic latex paints and coatings.

If you wish to apply the coating with a paint sprayer, you'll need to pı ıt position against a covered surface, as most paint sprayers will not spray properly at