



How-To-Use SikaLevel Self Leveling Underlayment

Materials:

- Safety glasses and gloves
- 50 lb. bag of SikaLevel Self Leveling Underlayment
- Sufficient water for desired mix
- Drill, mixing container and mixing paddle
- Rake / Leveler (for spreading material)

Procedure (Refer to Product Data Sheet for more information)

1. Remember to always wear waterproof gloves and safety goggles whenever mixing or using cement-based products.
2. Pour 1 gallon of cool, potable water into a suitably sized and clean mixing container, using a calibrated measuring jug, or similar, to ensure strict control of the water content (avoid over-watering). Cool water 70°F serves to maximize the working time; if available water is not at this temperature, then consideration should be given to cooling the water. Add Sika Level to the water, while slowly stirring, adding the complete contents of the 50 lb. sack. Once all the powder has been added, continue mixing until a lump-free and uniform consistency is achieved. If mixing in a barrel or similar container, employ the water to powder ratio as stated above and use a low speed electric mixer (300 to 450 rpm) and egg beater style mixing paddle to blend water and powder for a minimum of 3 minutes, until a uniform mix has been produced.
3. Prior to placing the underlayment, ensure that all sources of premature drying or direct sunlight are blocked off to avoid accelerated curing and reduced physical properties. The stated ambient and substrate application temperatures are to be achieved before installation and should be maintained for a period of at least 3 days thereafter. Should colder conditions prevail, make allowances for the use of indirect and vented heaters to achieve and maintain the application temperatures required. Where temperatures exceed 86°F (30°C), refer to and follow ACI hot weather application and protection guidelines. Before laying the material, organize labor to operate most effectively, ensuring that installers can maintain a continuous flow of material and avoid creating cold joints. The dimensions of the pour, in terms of width, should also be set accordingly.
4. Suitable for overcoating with impermeable moisture sensitive floors after drying (max. 3% humidity); normally reached after 24 hours. Suitable for overcoating with tiles or other moisture insensitive floor covering after 2-3 hours. Suitable for wood floor bonding at 1/8 inch (3 mm) thickness after 24 hours. Times are approximate and at 73°F(+23°C) and 50% R.H. and thus will be affected by changing substrate and ambient conditions, particularly the temperature and relative humidity. When overcoating Sika® Level always ensure the moisture content has achieved the required value for the coating product, as the waiting time will vary with the application thickness and ambient humidity. (Refer to the top coat product data sheet). Typical moisture content of the product should be <4% prior to overcoating. Other test recommended by floor covering manufacturer should be used as the final decision making tool.