

PRODUCT DATA SHEET

Sikafloor®-15 N PurCem® Accelerator

Advanced Generation, Cold Cure Catalyst and Flow Improvement Agent for Sikafloor® NA PurCem® Polyurethane/Cement Systems

PRODUCT DESCRIPTION

Sikafloor®-15 N PurCem® Accelerator is a state-of-the-art additive formulated to reduce cure time of Sikafloor® NA PurCem screed and coating systems in cold conditions. It is suitable for use in installations where substrate temperature is between 45–64 °F (7–18 °C).

USES

Sikafloor®-15 N PurCem® Accelerator may only be used by experienced professionals.

- Used in conjunction with Sikafloor®-19NA, 20NA, 22NA, 24NA, & 31NA PurCem.
- Shortens waiting times in cold temperature applications, allowing light traffic sooner.
- Reduce the cure time period of isolated repairs allowing a quicker return to general service.

CHARACTERISTICS / ADVANTAGES

n/a

PRODUCT INFORMATION

Packaging	1 US quart (32 fl. ounces) can, packaged with two [2] metering syringes. Designed to be added as an extra component to blended Components A & B of Sikafloor®-19NA, 20NA, 22NA, 24NA, & 31NA PurCem standard kits.	
Shelf Life	Components A, B and C: 1 year in original unopened packaging	
Storage Conditions	Store dry between 50–77 °F (10–25 °C). Protect from freezing. If frozen, discard product. Condition material for at least 24 hours to 65–75 °F (18–24 °C) before use.	
Volatile organic compound (VOC) content	Sikafloor®-19NA	5.2 g/l (A+B+C+Accelerator)
	Sikafloor®-20NA	7.2 g/l (A+B+C+Accelerator)
	Sikafloor®-22NA	44.2 g/l (A+B+C+Accelerator)
	Sikafloor®-24NA	5.3 g/l (A+B+C+Accelerator)
	Sikafloor®-31NA	13.4 g/l (A+B+C+Accelerator)

TECHNICAL INFORMATION

Chemical Resistance

Please consult Sikafloor® Technical Services.

APPLICATION INFORMATION

Cure Time

Typical Cure Times - 1 fl. ounce Sikafloor®-15 N PurCem® Accelerator

Product	Substrate Temperature	Sikafloor® NA PurCem® Unit Standard Cure Time to Foot Traffic	Sikafloor® NA PurCem® Unit + Sikafloor®-15 N PurCem® Accelerator Cure Time to Foot Traffic
Sikafloor®-19NA PurCem	68 °F (20 °C) 40 °F (4.5 °C)	12 hours 24 hours	9 hours 18 hours
Sikafloor®-20NA PurCem			
Sikafloor®-29NA PurCem			
Sikafloor®-22NA PurCem	68 °F (20 °C) 40 °F (4.5 °C)	12 hours 26 hours	10 hours 18 hours
Sikafloor®-24NA PurCem			
Sikafloor®-31NA PurCem	68 °F (20 °C) 40 °F (4.5 °C) **	12 hours 24 hours	12 hours 18 hours**

**Note: Product application at temperatures below 54 °F (12 °C) for Sikafloor®-31NA PurCem will severely affect levelling properties resulting in a non-uniform appearance.

APPLICATION INSTRUCTIONS

MIXING

Always follow the standard mixing instructions published on the Product Data Sheet for the specific Sikafloor® PurCem NA PurCem product.

A 'Kol' type mixer, incorporating a motor spun mixing pail and a shear angle mixing blade is recommended.

Pre-agitate Components A and B separately, ensuring that all solids and pigment is uniformly distributed and even consistencies are achieved individually.

Start mixer; add Components A, B and the syringe metered dose of Sikafloor®-15NA PurCem Accelerator 1.0 US fl. oz (30 ml). Blend for 30 seconds, then slowly add the component C and blend for 2 1/2 more minutes to ensure complete mixing and that all powders are wetted out. During the mixing operation, and observing good safety practices, i.e. turning off and removing revolving parts, scrape down the sides and bottom of the mixing container with a flat or straight edge trowel at least once to ensure complete blending of

Components A + B plus Sikafloor®-15 N PurCem® Accelerator, + Component C. Note: Do not attempt to attend to unmixed material that may gather on the sides of the mixing container while mechanical or electrical parts are in motion.

LIMITATIONS

Notes on Limitations:

Prior to application, measure and confirm Substrate Moisture Content, Ambient Relative Humidity, Ambient and Surface Temperature and Dew Point. During installation, confirm and record above values at least once every 3 hours, or more frequently whenever conditions change (e.g. Ambient Temperature rise/fall, Relative Humidity increase/decrease, etc.).

Dew Point: Beware of condensation!

The substrate must be at least 5 °F (3 °C) above the Dew Point to reduce the risk of condensation, which may lead to adhesion failure or "blushing" on the floor finish. Be aware that the substrate temperature may be lower than the ambient temperature. Calculate Dew Point from the substrate surface temperature, not the

ambient temperature.

Mixing: Do not hand mix Sikafloor® materials. Mechanically mix only. Do not thin this product. Addition of thinners (e.g. water, solvent, etc.) will slow cure and reduce ultimate properties of this product. Thinners should be added to the mix. Adding thinners will void any applicable Sika warranty.

- Not recommended for application at substrate temperatures below 45 °F (7 °C) or above 64 °F (18 °C).
- Use of Sikafloor®-15 N PurCem® Accelerator does not eliminate the need to precondition the Sikafloor® NA PurCem being used.
- Do not add more than one accelerator bottle per Sikafloor®-NA PurCem kit.
- Always refer to the specific Sikafloor® NA PurCem Product Data Sheet before proceeding with applications.
- Do not use on exterior, on-grade substrates; for interior use only.
- For professional use only by experienced applicators.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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Product Data Sheet

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