



SikaFlow® 648

HIGH STRENGTH,
HIGH FLOW EPOXY GROUT

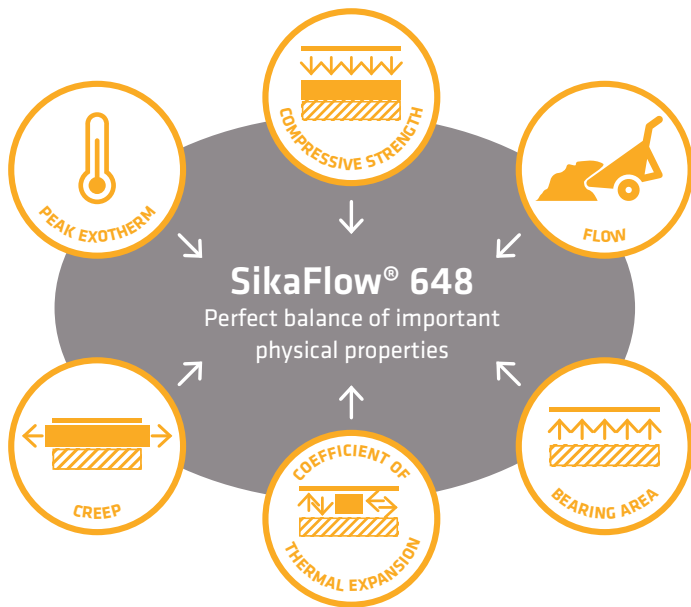
BUILDING TRUST



SIKAFLOW[®] 648

PROVIDES A STABLE, SECURE BASE, ENSURING ALIGNMENT AND LONG TERM SERVICE

SIKA HAS APPLIED ADVANCED CHEMISTRY to carefully balance the important physical properties and application behavior of SikaFlow[®] 648 to ensure uncompromised, durable support.



Sika 648 achieves its advanced performance properties by the combination of several distinct product features.

With carefully balanced physical properties SikaFlow[®] 648 is formulated for easy installation, with good flow characteristics suitable for pouring or pumping, low dust generation and soap and water cleanup.

FEATURES	BENEFITS
Meets the requirements of API 686, ASTM C579 and many more international and local standards	Superior performance backed by complete test data. Can be confidently referenced in global specifications.
High Early and Ultimate Compressive Strengths	Allow early load transfer and rapid commissioning of equipment, fast return to service
Excellent Bearing Area	For even load distribution
Low Creep	Maintains machinery alignment over long time periods
Very Low Shrinkage	Ensures full baseplate contact and load transfer
Good Chemical Resistance	Durable even when exposed to many industrial chemicals
Elevated Temperature Performance	Retains physical properties and maintains equipment alignment even when operating and baseplate temperatures are increased
High Tensile and Flexural Strengths	Absorbs dynamic operational loads
Good adhesion to both steel and concrete	Optimizes load transfer and enables vibration dampening
Resists impact and dampens torque	Protects equipment, ensures long service life
Excellent Freeze / Thaw Resistance	For outdoor equipment that can experience very low service temperatures
Impermeable to water and chlorides	Stands up in wet and aggressive environments

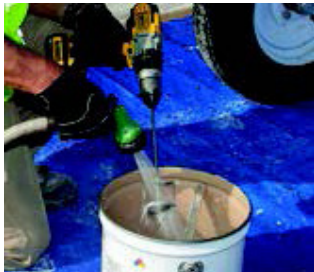
FORMULATED FOR EASY INSTALLATION, ENHANCED SAFETY AND JOBSITE CLEANLINESS

SIKAFLOW® 648 GROUT PROVIDES application to contractors and site owners not available with any other epoxy grout on the market.

Much lower dust than competitive products



Easy cleanup



FEATURES	BENEFITS
Low odor, low dust and soap & water cleanup	Enhanced safety for workers
Excellent Flow Characteristics	Effective grouting of even narrow gaps and large baseplates
Pumpable	For maximum productivity on large installations
Application Thickness / Depth	10 to 150 mm (0.5 to 6 inches)
Variable Fill Rates	Viscosity and flow characteristics can be adjusted to meet project requirements

MEETING THE MOST CHALLENGING INSTALLATION DEMANDS

SikaFlow® 648 grout features superior flow characteristics, low dust generation and soap and water clean-up. It is formulated to be poured or pumped, and a high flow mix option offers placement flexibility.



GLOBAL PRODUCT AVAILABILITY, EASY ACCESS AND SUPPORT



GLOBAL AVAILABILITY

SikaFlow® epoxy grout is used to support critical equipment on every continent, in every corner of the world. Equipment manufacturers, owners, engineers, EPCs and specialty contractors can specify and install SikaFlow® 648 grout with confidence, because it is a single formulation, available everywhere in the world. No need to wonder or worry about product availability and supply.



TRAINING AND SUPPORT

On every continent, you will find Sika professionals who can provide product selection and specification assistance, technical guidance, documentation on proper placement, understanding of the relevant testing methods, as well as on site training of contractors to ensure proper mixing, application, placement and testing protocols are understood.



DETAILED DOCUMENTATION

Online or in person, Sika provides detailed documentation to enable quality installation of SikaFlow® 648 grout. Technical data guides, installation bulletins, and specification documents clearly outline the relevant engineering and contracting details.

NO MATTER WHERE

With SikaFlow® 648 there is more material in contact with and supporting the precision equipment, and there are more dedicated people in all corners of the world ready to help on projects than with any other competitor in the market today.

SUPPORTING CRITICAL EQUIPMENT IN INDUSTRIES ACROSS THE GLOBE

UNDERNEATH THE MACHINE MATTERS: Grout. It seems like a simple element of the equipment installation. But it is not.



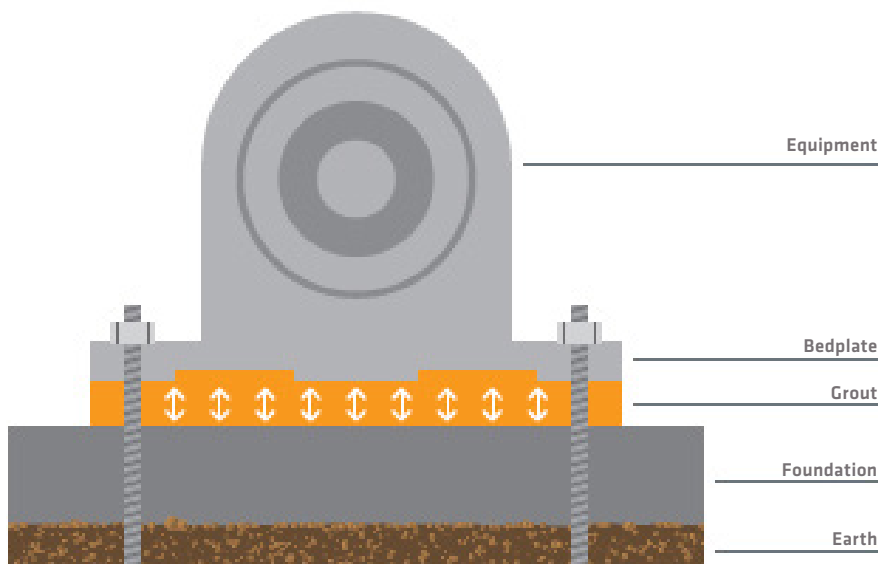
This thin layer of material has a critically important function:

- To secure and protect the machinery
- To transfer the loads from the machine to the baseplate
- To ensure that the operational movement and vibration does not compromise the alignment

For more than three decades, SikaFlow® 648 has been used to secure critical equipment for proper alignment and transmission of static and dynamic loads, vibration and rotational torque in industries such as:

- Chemical Processing
- Oil & Gas Distribution
- Pulp & Paper Production
- Mining
- Gas Refining and Processing
- Power Generation
- Steel & Aluminum Manufacturing
- LNG Production, Storage and Transmission

SikaFlow® 648 precision epoxy grout is used as the vital link between critical equipment and the foundation.



EPOXY GROUTS USED TO SECURE:

- Compressors, generators, turbines, engines, pumps, fans, blowers and motors
- Rolling, stamping, grinding, crushing, boring, drawing, extruding and finishing mills and presses
- Crane rails, conveyors, gear and flued drives, sole plates
- Mixers, shredders, clarifiers, evaporators

GLOBAL BUT LOCAL PARTNERSHIP



WE ARE SIKA

With more than 100 years of experience, Sika is a worldwide innovation and sustainability leader in the development and production of systems and products for commercial and residential construction, as well as the transportation, marine, automotive, and renewable energy manufacturing industries.

Sika has offices in 103 countries with over 400 manufacturing facilities and more than 33,000 employees worldwide. With annual sales of CHF 11.24 billion in 2023, our commitment to quality, innovation, and the environment as well as putting our customer's needs first, encompasses why Sika is the global leader in our industries.



Our most current General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing

© 2024 Sika Corporation, 1030761 rev 02/2024

Sika Corporation

201 Polito Avenue
Lyndhurst, NJ 07071 USA
Customer Service (800) 433-9517
Technical Service (800) 243-6739
usa.sika.com

BUILDING TRUST

