

POWER: A SMARTER APPROACH TO CONSTRUCTION MATERIALS



POWER YOUR PROJECT WITH SIKI CONCRETE ADMIXTURES

- Naphthalene and Polycarboxylate based Admixtures for High performance concrete.
- Waterproofers, corrosion Inhibitors, Shrinkage reducers, etc.

For Extended Durability concrete:

- Faster construction with high early strength concrete using SikaRapid®-1 MY and Sika® Set
- Sika® ViscoCrete® Water Reducers for production of Self Consolidating Concrete.



ENERGYSMART ROOF

- Sustainable, single-ply membranes and systems with heat-welded seams impervious to water and moisture penetration.
- Energy-saving reflective roofs, vegetated green roofs, solar-ready roofing and systems that simulate the appearance of standing seam metal roof.
- Extended performance and reflective surfaces help to control capital expenses, HVAC operating costs and roof maintenance expenses.



SIKAGARD® EPOXY COATINGS (Mechanical Rooms)

- Chemical resistant and moisture tolerant epoxy coatings.
- Excellent adhesion to concrete
- Superior abrasion resistance to long-term wear
- Outstanding chemical resistance for long-term protection



SOLAR & WIND MANUFACTURING, INSTALLATION & REPAIR

- Industry leading 1C/2C silicone assembly products for concentrating and photovoltaic systems
- SikaForce® 2C PUR and SikaDur® 2C epoxies provides for manufacture and repair/service of wind blades
- High performing products for manufacturing and construction of wind turbines
- Full range of products for renewable energy utility scale projects



REFURBISHMENT

- Epoxy & Cement based grouting products for all projects
- Complete line of repair mortars for concrete repair
- Advanced structural retrofitting and strengthening systems for RC structures
- Protection systems for concrete to increase durability



WATERPROOFING AND WATERTIGHT JOINTS

- Westec® chemical resistant waterstops for concrete joints exposed to chemicals
- Greenstreak® PVC waterstops for concrete joints exposed to water
- SikaProof® (pre-applied) and SikaBit® (post-applied) waterproofing membranes for below grade concrete
- Chemical injection grouts for sealing leaking joints/cracks

SIKA FULL RANGE SOLUTIONS FOR CONSTRUCTION:



WATERPROOFING



CONCRETE



REFURBISHMENT



SEALING AND BONDING



FLOORING



ROOFING

WHO WE ARE

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry. Sika's product lines feature concrete admixtures, mortars, sealants and adhesives, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

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

SIKA SOLUTIONS FOR THE OIL & GAS INDUSTRY



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BUILDING TRUST



BUILDING TRUST



SIKA'S INNOVATIVE TECHNOLOGIES FOR THE OIL & GAS INDUSTRY

Petroleum Industry Overview

The oil and gas industry is usually divided into three major sectors: upstream, midstream, and downstream. The downstream sector is the refining of petroleum crude oil and the processing and purifying of raw natural gas, as well as the marketing and distribution of products derived from crude oil and natural gas. The downstream sector reaches consumers through products such as gasoline or petrol, kerosene, jet fuel, diesel oil, heating oil, fuel oils, lubricants, waxes, asphalt, natural gas, and liquefied petroleum gas (LPG) as well as hundreds of petrochemicals. Midstream operations are often included in the downstream category and are considered to be a part of the downstream sector.

Petroleum Refinery and Petrochemical

Petroleum refinery or oil refinery is an industrial process plant where crude oil is processed and refined into more useful products such as petroleum naphtha, gasoline, diesel fuel, asphalt base, heating oil, kerosene, and liquefied petroleum gas. Oil refineries are typically large, sprawling industrial complexes with extensive piping running throughout, carrying streams of fluids between large chemical processing units. In many ways, oil refineries use the same technologies like chemical plants. The crude oil feedstock has typically been processed by an oil production plant. There is usually an oil depot (tank farm) at or near an oil refinery for the storage of incoming crude oil feedstock as well as bulk liquid products. An oil refinery is considered an essential part of the downstream side of the petroleum industry.



Sika offers a diverse range of services and state-of-the-art technological solutions to leading companies operating in the Oil & Gas Industry. Our focus remains on technological advancements in the fields of roofing, flooring, tank lining, sealing & bonding, machinery grouting, concrete repair, pipes protection with strengthening and marine repair and protection.

Sustainability is in the heart of Sika's strategy. Innovation focuses on initiatives to extend life cycle of structures, conservation of resources and eco-friendly construction materials & protection products.

Roof waterproofing, based on "Zero Flame & Zero Heat" systems, are ideal solutions where mitigation of fire risk is a first priority in the decision making process.

Sika has maintained a strong focus on providing a full range of flooring and coating solutions for industrial areas which meet or exceed all standards and requirements for both new and refurbishment works.

Sika also offers Sealing & Bonding solutions with chemicals and hydrocarbon spillage resistance properties for floor joints, connection and saw cut joints in concrete, expansion joints, pipe joints etc.

Sika's extensive experience and know-how enables us to be responsive with solutions to cater for live plant environment with rapid delivery and high technical support.

1 GROUTING:
Machinery baseplates
Pumps
Compressors & steel structures
Cranes
Reciprocating Engines

PRODUCTS:
SikaGrout®-214
SikaGrout®-215
SikaGrout®-220
Sikadur®-42 MP Slow HC
Sikadur®-42 HS
Sikadur®-42 MY
Sika® Microcrete-217
Sika® Microcrete-3000
Sika® Microcrete-2000

2 CHEMICAL RESISTANT, PROTECTIVE COATINGS & FLOORING:
Secondary containment
Above ground protective coating
Water storage tanks
Fuel depots, manholes and areas subject to chemical spills

PRODUCTS:
Sikagard®-62 MY
Sikagard®-670 WMY
Sikacor® VE MY
Sika® Poxitar® MY
Igolflex® R
Sikafloor®-29 PurCem® LP
Sikafloor®-31 PurCem® LP
Sikafloor®-81 EpoCem® New HC
Sikafloor®-381
Sikafloor®-264 HC
Sikafloor®-3 QuartzTop
Sikafloor® Emery MY

3 SEALANTS:
Expansion joints
Construction joints
Fire resistant joints & openings
Concrete pavement Joints
Bund wall and precast Joints
Fuel resistant

PRODUCTS:
Sikaflex® PRO 3
Sikacryl® 670 Fire
Sikaflex® Tank N

4 STRENGTHENING:
Blast proofing
Concrete retrofitting
Increased loading
Dynamic loading

PRODUCTS:
SikaWrap® Fabrics
Sikadur®-300
Sikadur®-330
Sika® CarboDur® Plates & Rods
Sika® CarboShear L

5 CONCRETE REPAIR, ANCHORING & FIRE PROTECTION:
Foundations
Spall repairs
Cooling towers
Storage tanks
Rebar
Railings

PRODUCTS:
Sikacrete® 213 FMY
SikaTop® Armatec®-110 EpoCem®
Sika® Unitherm®-38091

6 CRACK REPAIR:
Slabs
Walls
Baseplates
Beams
Columns

PRODUCTS:
Sikadur®-31 CF Slow
Sikadur®-31 CF Normal
Sikadur®-52 MY
Sika® Injection-101 RC
Sika® Injection-107
Sika® Injection-201 CE
SikaFix®-101

7 WATERPROOFING:
Pre-applied
Post-applied
Chemical resistant waterstops
Bulk liquid storage

PRODUCTS:
SikaBit® W-15
Westec® Waterstops
Sika® Waterbars
Sika® Hydrotite CJ-Type
SikaTop® Seal-107
SikaSwell® A
Sikadur® Combiflex® SG System
Sikalastic®-851
Sikalastic®-841 ST
Sikalastic®-1 KMY
Igolflex® R

8 ROOFING:
Exposed roofs
Inverted roofs
Green roofs
Reflective roofs

PRODUCTS:
Sarnafil® G-476
Sarnafil® G-410 L Felt
Sarnafil® S-327 L
SikaBit® T
Sikalastic®-851 R
Sikalastic®-632 R
Sikalastic®-612

