# THE STANVAC ELECTRICAL ADVANTAGE

34

## BEST IN INDIA

## ELECTRICAL MAINTENANCE SOLUTIONS

# WHY BUY?

## THE TECHNOLOGY DIFFERENCE.
## YOUR UNIQUE GAIN.

## PROTECT CABLE HIGHWAYS.

# LIMIT FIRE SPREAD THROUGH THE PLANT.

## CHOOSE YOUR MAINTENANCE NEED


01 Passive Fire Protection >

02 Cleaning, Insulation & Protection >

03 Dielectric Floor Coating >

04 Transformer & High-Voltage Insulation >

05 Dielectric Anti-Corrosion >


**SHP = built-in dust & water repellency.** Helps reduce the contamination that contributes to leakage, tracking, arcing and corrosion.

**ALSO DELIVERED TURNKEY** **ONE VENDOR. ONE WARRANTY. TESTED OUTCOMES.**

## 01 PASSIVE FIRE PROTECTION

Protect panels, cables and openings against the spread of fire.

### STANVAC PCO - PANELS. CABLES. OPENINGS.

Defend each link: **panel spark → small wire → cable highway → openings.**

**LEGAL EXPOSURE** A preventable fire or electrocution death caused by a rash or negligent act can lead to personal criminal liability. BNS 2023, Section 106(1).

### 01 FIREX FBS 73 - Fire Sealant

**SEAL PANEL GAPS.**
**HELP PREVENT PANEL FIRES.**

**Applications.** Electrical-panel gaps and cable entries.

**Technology.** India's first oxygen-limiting panel sealant. Flexible and re-enterable; tested up to 2 hours to IS 12458 in the specified arrangement.

**Customer gain.** Seal out dust, moisture and pests. Help stop small faults becoming larger panel fires.

### 02 FIREX DC 52 - Fire-Suppression Paint

**HELP CONTAIN PANEL FIRES.**
**CUT DAMAGE AND DOWNTIME.**

**Applications.** Internal painted surfaces of electrical panels and cabinets.

**Technology.** India's first intumescent fire-barrier panel coating. Limits panel paint feeding a fire and provides a thermal shield.

> **Customer gain.** Help contain fire at source. Reduce equipment damage and production downtime.

## 3A FIREX EC 43 - Circuit Survival

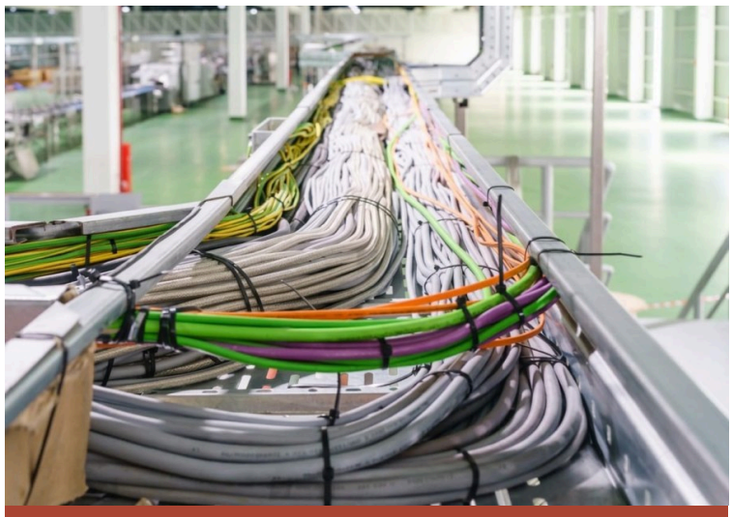
**KEEP CRITICAL CIRCUITS**
**WORKING THROUGH FIRE.**

**Applications.** Critical-circuit cables that must operate during a fire.

**Technology.** World-first fire-survival cable coating. At 1.6 mm on XLPE 4-core 70 mm²: 180 minutes at 950°C (IS 17505-1); 240 minutes plus 15 minutes cooling at 750°C (IEC 60331-21).

> **Customer gain.** Keep tested circuits working for the certified duration. Add the specified 0.5 mm 7034 topcoat for anti-rodent protection.

## 3B FIREX EC 43 - Flame-Propagation Protection



**LIMIT CABLE FIRE SPREAD.**
**PROTECT THE REST OF THE PLANT.**

**Applications.** Cable trays and cable highways.

**Technology.** CBRI-certified, low-smoke coating: 240-minute flame-propagation performance at 1.6 mm to IEC 60332-3. Circuit survival is covered in 3A.

> **Customer gain.** Limit a local cable fire spreading through the plant. Add the specified 0.5 mm 7034 topcoat on rodent-prone routes.

## 3C 931B STRIPPEX - INTUMESCENT

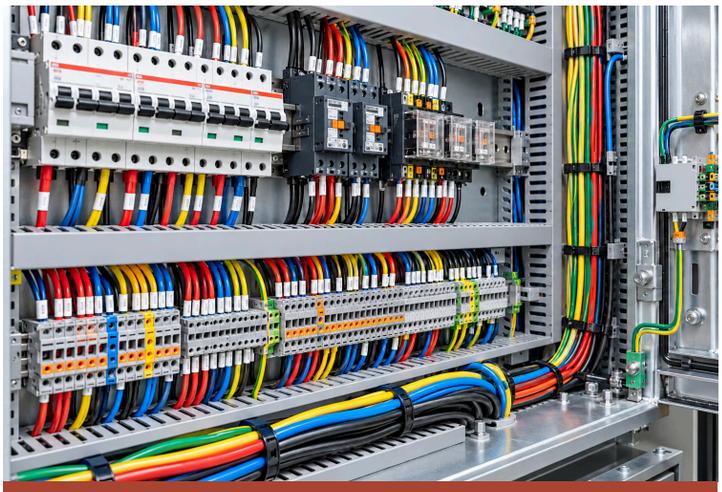
**INSULATE. SEAL.**
**LIMIT FIRE SPREAD.**

**Applications.** Taped connections, cable joints, busbar and lug joints.

**Technology.** Rubberised SHP base + top coat. Up to 11 kV insulation test before fire; 120-min IEC 60332 flame-spread test (CSIR-CBRI). HT: use with 955 SL tape.

> **Customer gain.** Taped joints and cracked cable joints can cause breakdowns and fires. 931B protects repaired joints and limits flame spread.

## 04 FIREX 7034 - Anti-Rodent Cable Coating



**PROTECT THIN WIRES.**
**RESIST RODENT BITES.**
**LIMIT FIRE SPREAD.**

**Applications.** Small-diameter power, data and instrumentation cables, including panel wiring.

**Technology.** World's first translucent, flexible anti-rodent intumescent coating. 30-day test: 0 bites coated vs 19 uncoated; SAFE, RDSO/SPN/204 Annex. G. CBRI: 120 min, IEC 60332-3-22 Cat. A at 1.5 mm on cable.

> **Customer gain.** Resist rodent bites and fire spread. Keep cable colours visible and wiring flexible.

## 05 FIREX FM 71 - Fire-Stop Mortar

**SEAL CABLE OPENINGS.**
**LIMIT FIRE AND SMOKE SPREAD.**

**Applications.** Cable openings in walls and floors.

**Technology.** CSIR-CBRI tested: 2 hours at 75 mm to IS 12458; published 20-year life. Options: 75 mm FM 71 or a specified 50 mm FM 71 + 50 mm FB 250 hybrid.

> **Customer gain.** Limit fire and smoke spread between rooms and floors. A one-foot EC 43 cable coat addresses the fire path along cables.

## 06 FIREX FB 250 - Mineral-Wool Fire Barrier

**CHANGE CABLES EASILY.**
**RESTORE THE FIRE BARRIER.**

**Applications.** Cable penetrations needing future cable changes.

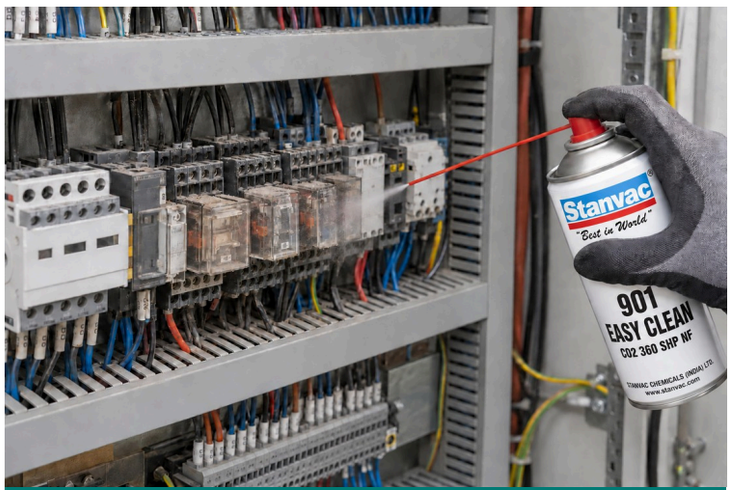
**Technology.** Re-enterable mineral-wool barrier: 100 mm / 2 hours to IS 12458 (CSIR-CBRI). Specified FM 71 + FB 250 + EC 43 hybrids can extend protection to 4 hours.

> **Customer gain.** Add or change cables and reinstate the seal. Combine with FM 71 for load-bearing capability.

# 02 CLEANING, INSULATION & PROTECTION

Clean, insulate and protect electrical assets for more reliable service.

## 07 #901 Easy Clean $CO_2$ 360 SHP NF




**CLEAN PANELS ON-LINE.**
**AVOID PRODUCTION SHUTDOWNS.**

**Applications.** On-line panel relays, contactors and plastic-sensitive surfaces.

**Technology.** Non-flammable, plastic-compatible cleaner with $CO_2$ 360° spray. SHP repels dust and moisture.

> **Customer gain.** Clean suitable equipment without a shutdown. Reduce production loss and contamination-related faults.

## 08 #415 Off-Line Contact Cleaner $CO_2$ 360 SHP

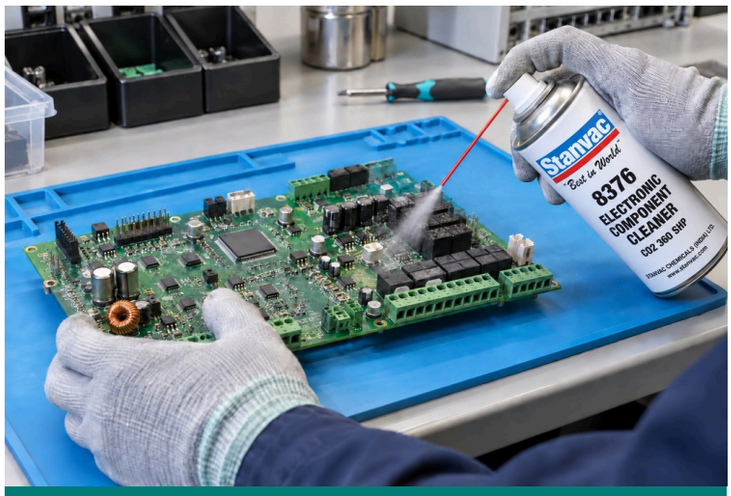
**Applications.** Isolated switches, relays and contactors.

**Technology.** Plastic-compatible, CFC-free cleaner. Fast drying; no residue. SHP repels dust and moisture.

> **Customer gain.** Reduce switching faults and extend the interval between cleanings.

**CLEAN CONTACTS.**
**FEWER SWITCHING FAULTS.**

## 09 #8376 Electronic Component Cleaner




**CLEAN PCBs IN AC ROOMS.**
**LOW ODOUR. NO RESIDUE.**

**Applications.** Sensitive PCBs and electronics in AC control rooms.

**Technology.** Low-odour, plastic-compatible, residue-free cleaner. $CO_2$ 360° spray; SHP dust and moisture repellency.

> **Customer gain.** Clean electronics with minimal odour and no residue. Help prevent moisture-related tracking and leakage.

## 10 #8060 Safety Solvent $CO_2$ 360 NF

**REMOVE HEAVY OIL & GREASE.**
**CUT CLEANING DOWNTIME.**

**Applications.** Heavy oil and grease on electrical equipment.

**Technology.** Non-flammable, dielectric cleaner with $CO_2$ 360° spray. Removes oil and grease without residue.

> **Customer gain.** Deep-clean suitable equipment in place. Reduce dismantling and cleaning downtime.

## 11 #8070 Electrical 88 $CO_2$ SHP

**DRIVE OUT MOISTURE.**

**Applications.** Damp motor windings and bus bars in humid, coastal and monsoon conditions.

**Technology.** Heavier-than-water formula displaces moisture and helps restore insulation resistance. SHP repels dust and water.

> **Customer gain.** Reduce moisture-related flashovers. Published protection: up to six months under specified conditions.

**REDUCE MONSOON FLASHOVERS.**

## 12 #8480 Carbon Cleaner

**REMOVE STUBBORN CARBON.**
**PRESERVE COSTLY CONTACTS.**

**Applications.** Flashover carbon on contacts, commutators and contactors.

**Technology.** Thick-film foam gel lifts heavy carbon without abrasives; compatible with specified silver and copper surfaces.

> **Customer gain.** Clean without scratching. Extend contact life and reduce replacement.

## 13 #6084 Red Insulating Varnish SHP - Class F

**EXTEND MOTOR LIFE.**
**REDUCE COSTLY REWINDS.**

**Applications.** Motor winding end-turns, accessible through opened end covers.

**Technology.** Fast-drying SHP varnish coats windings in place. Resists arcing and tracking; repels dust and moisture.

> **Customer gain.** Preserve insulation resistance. Extend motor life and reduce costly rewinds.

## 14 #Z906 Provar Anti-Track SHP - Class H

**RESIST SURFACE TRACKING.**
**REDUCE PANEL BREAKDOWNS.**

**Applications.** Panel insulators, current transformers and potential transformers.

**Technology.** High-dielectric-strength SHP coating helps restore insulation resistance. Repels dust and moisture that cause surface tracking.

> **Customer gain.** Reduce flashovers and panel breakdowns. Keep metering reliable for longer.

## 15 #1465(A) Flexiguard SHP

**RESEAL AGED CABLE JOINTS.
EXTEND CABLE LIFE.**

**Applications.** Cable joints and cracked or aged cable sheathing.

**Technology.** Flexible, fire-retardant SHP coating bonds to specified PVC, rubber and metal. Repels dust and moisture.

> **Customer gain.** Keep moisture out of damaged sheathing and joints. Extend cable service life.

## 16 #Z931(A) Strippex SHP

**INSULATE VULNERABLE JOINTS.
REDUCE ARCING & OVERHEATING.**

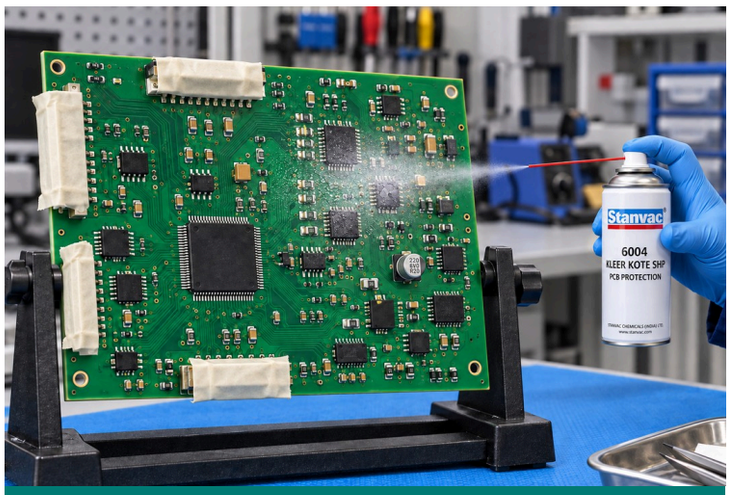
**Applications.** Motor-cable, busbar-cable and assembled bus-bar joints.

**Technology.** Air-drying rubberised coating seals, insulates and colour-codes joints. Ratings: 2 kV aerosol / 11 kV bulk, as specified. SHP repels dust and water.

> **Customer gain.** Protect connections from moisture and corrosion. Reduce arcing, overheating and connection failures.

**For intumescent insulation and fire-spread protection, see 3C.**

## 17 #6004 Kleer Kote SHP




**PROTECT COSTLY PCBs.
REPEL MOISTURE AND DUST.**

**Applications.** PCBs exposed to dust, moisture and fumes.

**Technology.** Transparent, solder-through SHP coating. Repels dust and water; resists cracking, peeling and discolouration.

> **Customer gain.** Reduce leakage and corrosion between tracks. Protect costly boards and extend electronic life.

## 18 #6006 Battery Terminal Coating

**PREVENT TERMINAL SULPHATION.**
**12 MONTHS' PROTECTION.**

**Applications.** Cleaned battery terminals.

**Technology.** Airtight, waterproof, acid-resistant waxy film. Protects without dismantling; published protection of at least 12 months.

> **Customer gain.** Reduce corrosion and sulphation. Keep connections reliable and cut terminal maintenance.

## 19 #Z911 Corroclean (SP)

**CLEAN CORRODED TERMINALS.**
**RESTORE RELIABLE CONNECTIONS.**

**Applications.** Acid deposits and corrosion on battery terminals.

**Technology.** Thick foam neutralises acid. Built-in indicator dye; cleans suitable terminals in place.

> **Customer gain.** Restore cleaner connections quickly. Help improve battery reliability and life.

## 20 #Z201 Pufseal (1K-S)

**CLOSE CABLE-ENTRY GAPS.**
**KEEP DUST AND PESTS OUT.**

**Applications.** Awkward cable-entry gaps and voids.

**Technology.** Expanding PU foam for non-rated gaps. A 7034 topcoat adds rodent resistance to cured foam; the combination is not a fire-rated seal.

> **Customer gain.** Block entry paths for dust, moisture, insects and rodents. Reduce equipment contamination.

## 21 #Z982 Transformer Oil Leakage Repair Kit

**STOP TRANSFORMER OIL LEAKS.
AVOID A REPAIR SHUTDOWN.**

**Applications.** Accessible transformer tank leaks suitable for external repair.

**Technology.** Clean, plug and overlay: seal the leak and reinforce the repair.

> **Customer gain.** Stop oil loss on suitable leaks without a shutdown. Protect the transformer and reduce oil wastage.

## 22 #Z112 Acidifoam

**CLEAN COPPER & ALUMINIUM.
BETTER ELECTRICAL CONNECTIONS.**

**Applications.** Copper and aluminium bus bars and compatible metals, during isolated maintenance.

**Technology.** High-foam, phosphate-free cleaner removes deposits from copper, aluminium and steel.

> **Customer gain.** Restore clean contact surfaces without abrasive damage. Support reliable electrical connections.

## 23 #Z118 EQC-10

**REMOVE INSULATOR SCALE.
HELP COATINGS BOND AND LAST.**

**Applications.** Insulators with hard, cement-like deposits.

**Technology.** Fast-acting acid scale remover prepares compatible surfaces for anti-track coatings.

> **Customer gain.** Improve coating adhesion and help anti-track protection last longer.

## 24 #7007 Cold Galvanizing Compound SHP

**RESTORE ZINC PROTECTION.**
**REDUCE REPEAT RUST REPAIRS.**

**Applications.** Steel towers, pylons, poles, welds and damaged galvanised areas.

**Technology.** 93% zinc provides cathodic protection. SHP repels rain and dust.

> **Customer gain.** Restore protection at vulnerable steel areas. Reduce repeat rust repairs and extend asset life.

## 25 #8078 DGCS - Dry Graphite Conductive Sealant

**PREVENT ISOLATOR JAW JAMMING.**
**RESIST CORROSION.**

**Applications.** Busbar isolator jaw contacts in specified HV switchgear.

**Technology.** Dry graphite conductive film limits bi-metallic corrosion. Non-flammable and non-flaking.

> **Customer gain.** Reduce jaw jamming, arcing and overheating. Resist corrosion and keep isolator switching reliable.

## 26 Super 230 - Gas Leak Detection Spray

**FIND $SF_6$ LEAKS FAST.**
**CUT GAS LOSS AND DOWNTIME.**

**Applications.** $SF_6$ breaker valves and joints, gas lines and compressed-air systems.

**Technology.** Non-flammable spray pinpoints escaping gas at accessible joints and fittings.

> **Customer gain.** Find and repair leaks quickly. Reduce gas loss, equipment downtime and operating problems.

## 27 SL-ECG #2 Electrotherm - Contact Grease

**PREVENT OVERHEATING.**
**REDUCE POWER LOSS.**
**PROTECT BUSBAR JOINTS.**

**Applications.** Bolted busbar joints and specified current-carrying contact interfaces.

**Technology.** Synthetic contact grease protects against corrosion and supports effective current transfer.

> **Customer gain.** Help reduce power lost as heat at bolted busbar joints. Limit overheating and breakdown risk.

## 28 Superquiet 100 - HT Motor Grease

**EXTEND BEARING LIFE.**
**KEEP GREASE OUT OF WINDINGS.**

**Applications.** HT motor bearings exposed to heat and grease migration.

**Technology.** 100% synthetic, PTFE-fortified grease resists melting and migration. Published ratings: 180°C and 3,000 rpm.

> **Customer gain.** Keep grease at the bearing and out of windings. Extend bearing life and reduce motor failures.

## 29 #6030 Pen Oil - Heavy-Duty Penetrant

**FREE SEIZED NUTS AND BOLTS.**
**SAVE TIME AND LABOUR.**

**Applications.** Seized nuts, bolts and rusted assemblies.

**Technology.** Heavy-duty penetrant works into rust-bound interfaces to release stubborn fasteners.

> **Customer gain.** Free the part with less time and labour. Reduce damage and replacement costs.

# 03 DIELECTRIC FLOOR COATING

Provide specified operator protection with a continuous floor system.

## 30 1311 Stangard Insulkote - Class A, B & C

**PROTECT PANEL OPERATORS.**
**REDUCE SHOCK RISK.**

**Applications.** Electrical-panel operating floors.

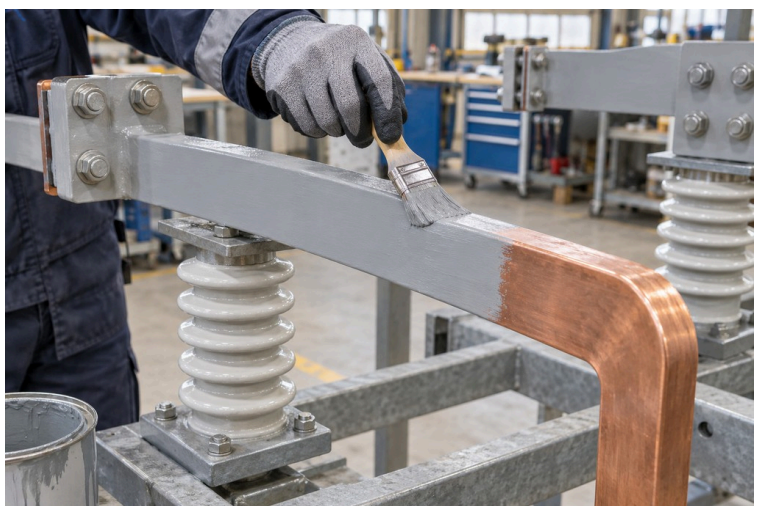
**Technology.** Tested to all six IS 15652:2006 requirements. Nano-ceramic fillers improve scratch resistance; moisture-tolerant primer improves adhesion. Published life: 10 years.

> **Customer gain.** Provide specified operator shock protection with a continuous, cleanable floor. Keep panel rooms cleaner and dust-free.

# 04 TRANSFORMER & HIGH-VOLTAGE INSULATION

Protect high-voltage connections from flashovers and environmental exposure.

## 31 HVI 33 KV - High-Voltage Insulation



**REDUCE HV FLASHOVERS.**
**KEEP POWER SUPPLY RELIABLE.**

**Applications.** HV lines and bus bars exposed to fog, pollution, animals and kite thread.

**Technology.** Protective insulation coating reduces flashovers from contamination and accidental bridging, within specified system ratings.

> **Customer gain.** Reduce power outages, equipment damage and downtime.

## 32 #Z955 Strippex (SL) - Self-Fusing Tape

**WEATHERPROOF HV JOINTS.
KEEP INSULATION SECURE.**

**Applications.** HV connections and cable joints.

**Technology.** Self-fusing silicone tape insulates and weatherproofs. Published range: 600 V-35 kV and up to +300°C, with specified build-up and conditions.

> **Customer gain.** Keep joint insulation secure. Reduce weather-related damage and connection faults.

## 05 DIELECTRIC ANTI-CORROSION

Preserve metal assets and reduce electrical leakage risk.

### 33 1040 TST + 727 SHP - Anti-Corrosion System

**PROTECT TRANSFORMER STEEL.
REDUCE RUST AND OIL LEAKS.**

**Applications.** Transformer tanks, radiators and steel exposed to corrosion.

**Technology.** Surface-tolerant epoxy-PU for difficult-to-prepare steel. 727 SHP topcoat repels dust and moisture; durable and weather-resistant.

> **Customer gain.** Reduce corrosion-driven oil leaks and repeat painting. Protect the transformer from costly damage.

### 34 #2080 Electrohyb SHP - Hybrid Insulation

**Applications.** Metal lighting poles, panels and specified bus-bar surfaces.

**REDUCE ELECTRIC SHOCK RISK.**
**PROTECT METAL FROM RUST.**

**Technology.** World-first SHP dielectric coating: 26.5 kV/mm; specified protection system up to 11 kV. Self-extinguishing and dust- and water-repellent.

> **Customer gain.** Reduce leakage and accidental contact risk while preventing corrosion. Use the specified thickness with the complete electrical safety system.

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# ONE ACCOUNTABLE PARTNER.

## From product selection to application.

Technical figures are published Stanvac data. Use the current product TDS, test report and specified application detail for the actual site. Electrical work requires the approved isolation or on-line maintenance procedure.

Application illustrations include AI-generated scenes; they are not project photographs or test evidence.

Product data: Stanvac Electrical Advantage | Legal reference: BNS 2023, Section 106(1)

**stanvac.com** digitalmktg@stanvac.com | +91 8527 1998 11