

IRIDIUM CHEMICAL

PRODUCT
CATALOGUE

High Quality Construction Chemicals

SUNPLAST PC



And Miles to before I sleep, | Prateek Gupta
and miles to go before I sleep. | Managing Director



CERTIFICATE

This is to certify that the product listed below conforms to the requirements of the

Directives Name 89/106/EEC

Certificate no.: IN9641U-2023 **Date of Expiry:** 23 March 2026

Date of Issue: 24 March 2023 **Surv. Date :** 23 March 2024

Manufacturer : **SUNLIGHT CONSCHEM CORPORATION**

REGD.OFF:-8 TH FLOOR, 801, SHWETA APARTMENT,
117/H-1/499 PANDU NAGAR, KANPUR, KANPUR NAGAR-208005
(U.P.) INDIA

Description of Products : MANUFACTURING OF CONSTRUCTON CHEMICAL
(ADMIXTURE, CURING COMPOUND) MICRO SILICA,
WATER PROOFING, ANTI-STRIPPING

Other Certification : N/A

Standards Applied : as per industry required

Report Reference: SCC/CE/IN9641U-2023

This Report has been Issued by Certiva Limited according to the provision of the Directive 89/106/EEC. This Report is issued following the assessment of the documentation and implementation of the Quality System in accordance with the provisions of the quoted Conformity Assessment Module of the above directives. The CE Mark may be affixed to the press Directive 89/106/EEC. the Scope of approvals as described above once the 'EU declaration of conformity' has been signed by the responsible person.

CE

Director



Certiva Limited
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Company Number : 09799171

For precise and updated information concerning the present certificate visit at www.certiva.co.uk



Sunlight Conschem Corporation

Head Office: 801ShwetaApartments,117/H-1/499,PanduNagar,Kanpur - 208 005, India
+91-9415133506, +91-9984361590, +91-9839809030

Website : www.sunlightconschem.com • Email: sales@sunlightho.com

ISO 14001:2015

Certificate of Registration

*This is to Certify That
Environmental Management System of*

SUNLIGHT CONSCHEM CORPORATION

8TH FLOOR, 801, SHWETA APARTMENT, 117/H-1/499 PANDU NAGAR, KANPUR NAGAR-208005(U.P.) INDIA

has been assessed and found to conform to the requirements of

ISO 14001:2015

for the following scope :

MANUFACTURER OF ADMIXTURE, CURING COMPOUND, ANTI STRIPPING AGENTS, WATER PROOFING, MICRO SILICA, SUNFINE & VARIOUS CONSTRUCTION CHEMICALS.

Certificate No	:	24MEERS73			
Initial Registration Date	:	15/04/2024	Issuance Date	:	15/04/2024
Date of Expiry	:	14/04/2027			
1st Surv. Due	:	15/03/2025	2nd Surv. Due	:	15/03/2026



Demand..
DIRECTOR



Magnitude Management Services Pvt. Ltd.

Third Floor, A-60, Sector-2, Noida, Gautam Buddha Nagar, U.P.-201301, India. e-mail: info@mmscertification.com, website: www.mmscertification.com
*Subject to Successful Surveillance Audit in case Surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn
Certificate Verification: Please Re-check the validity of certificate at <http://www.mmscertification.com/clients.aspx> or www.mmscertification.com at Active Clients.
Certificate is the property of Magnitude Management Services Pvt. Ltd. and shall be returned immediately when demanded.

ISO 14001:2015 - Sunlight Conschem Corp.

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Certificate of Registration

This is to certify that

M/S IRIDIUM CHEMICAL

**8TH FLOOR, 801, SHWETA APATMENT, 117/H-1/499, PANDU NAGAR,
KANPUR NAGAR, UTTAR PRADESH, 208005, INDIA**

has been independently assessed by QRO
and is compliant with the requirement of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

**MANUFACTURER OF CURING COMPOUND, WATER PROOFING,
MICRO SILICA, SUNFINE & VARIOUS CONSTRUCTION CHEMICALS**

Date of Certification: 23rd December 2023

2nd Surveillance Audit Due: 22nd December 2025

1st Surveillance Audit Due: 22nd December 2024

Certificate Expiry: 22nd December 2026

Certificate Number: 305023122327Q



A handwritten signature in blue ink, appearing to read 'Chirantan'.

Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit.
(In case surveillance audit is not allowed to be conducted; this certificate shall be suspended / withdrawn).

The Validity of this certificate can be verified at www.qrocrt.org

This certificate of registration remains the property of QRO Certification LLP, and shall be returned immediately upon request.

India Office : QRO Certification LLP
142, 11nd Floor, Avtar Enclave, Near Paschim Vihar West Metro Station, Delhi-110063, (INDIA)
Website : www.qrocrt.org, E-mail : info@qrocrt.org

ISO 9001:2015 - Iridium Chemicals

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Sunplast PCE/PQ is a high performance (high strength and durability) super plasticizer for concrete based on a polycarboxylate ether polymer. It comprises of particles in the size range of 0.25 to 0.35 micrometers (um) and is synthesized through nano-scale polymerization. It is a high range super plasticizer (water reduction up to 40% in control concrete) with superior cement dispersion ability to provide extremely high slump values, even to concrete mixtures made with water-to-cement ratio of less than 0.30. It is highly dosage efficient a much smaller dosage as compared to conventional super plasticizers is sufficient. Imparts high flow ability to the mixture so as to fill the formwork under its own weight (self compacting ability) without any voids or segregation of aggregates. This self compacting concrete (SCC) maintains fluidity for longer periods (about 4 hours at 35 C because of the presence of SLCA). SLCA prevents slump losses by "parachute effect of slow adsorption on Ettringite crystals formed at the beginning of cement hydration. Sunplast PCE / PQ is especially recommended for Ready Mix Concrete production because of its very high slump retention characteristic imparted by SLCA. For long distance transportation in a tropical climate or when traffic delays are expected in the transportation of concrete from plant to site, a concrete plasticized by SUNPLAST PCE/PQ can retain smooth pump ability with minimal set retardation. Ready mixed concretes of moderate to very high strengths can be produced using this super plasticizer. Sunplast PCE/PQ imparts high self-compaction or self-leveling, reduces shrinkage and creep, increases flexural strength, reduces carbonation, improves adhesion to re-enforcing and pre-stressing steel and develops early strength. It helps in producing a cohesive smooth and fair faced concrete.

SPECIFICATIONS

PROPERTIES	PC / PQ 2550	PC / PQ 4050	PC / PQ 5050
Appearance	Amber Colour Liquid	Amber Colour Liquid	Amber Colour Liquid
Base	Polycarboxylate Ethers	Polycarboxylate Ethers	Polycarboxylate Ethers
Standard	IS 9103:1999	IS 9103:1999	IS 9103:1999
Sp Gravity	1.06 ± 2	1.08 ± 0.02	1.085 ± 0.02
ph	min. 6	min. 6	min. 6
Chloride Content	Nil (BS: 5075)	Nil (BS: 5075)	Nil (BS: 5075)
Dry Content	(18 ± 1)%	(27 ± 1)%	30 ± 1
Dosage	0.4 to 1.2%	0.3 to 1.0%	0.3 to 1.0%
Packing	225 kg HDPE Drum or Bulk in Tanker loads.		

USAGE:

Sunplast PCE / PQ can be used with all types of OPC, composite cement (PSC and PPC), Silica Fume, Meta kaolin, Rice Husk Ash (RHA), Pulverized Fuel Ash (PFA) and Ground Granulated Blast Furnace Slag (GGBFS).

STANDARD:

Conforms to ASTM C 494 Type B, Type D and Type G and complies with IS: 9103-1999.

STORAGE:

To be stored away from heat and frost.

SHELF LIFE:

Best before 12 months from the date of manufacturer.

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Sunlight

Conscem Corporation is one of the leading manufacturer and supplier of Dispersing Agent & Construction Chemicals. It is an ISO 14001:2015 company. It has state-of-the-art R&D Lab where highly qualified personals continually strive to enhance the quality of products which then come to market after extensive field trials. Sunlight Corporation continually endeavours to enhance the customer experience by achieving Excellency in Quality, Timely Delivery and Competitive Price its Products.

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