



Oskorp

OSKORP.COM

Technical Catalog

TECHNICAL DATA COLLECTION 2026

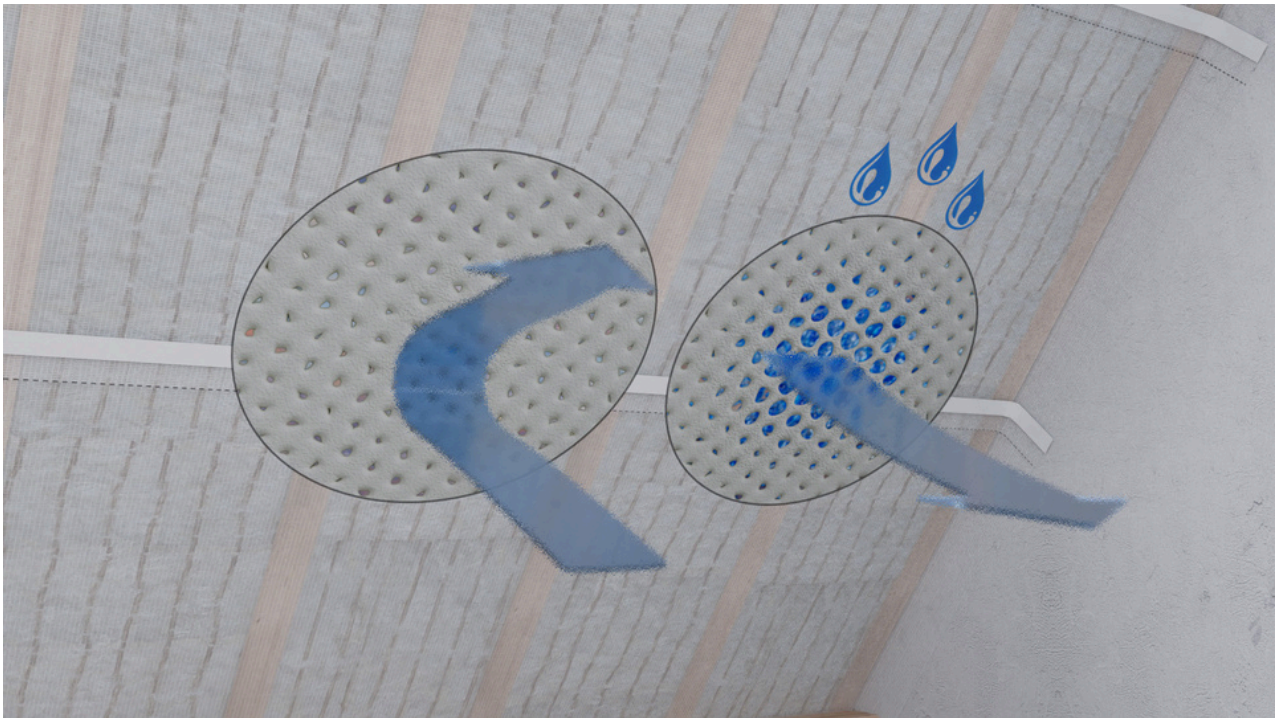


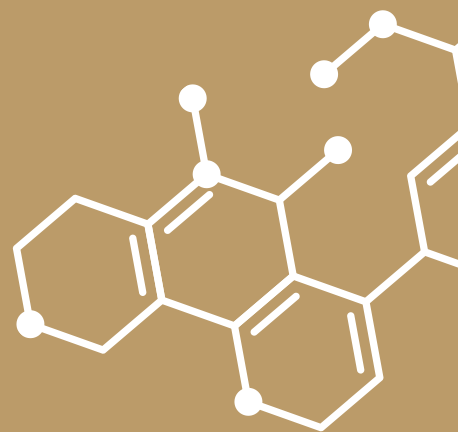


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Oskorp



About OSKORP

At Oskorp, we are committed to providing high-quality building solutions that meet the needs of professionals and DIY enthusiasts. Our solutions are designed to deliver superior performance, durability, and energy efficiency across various projects.

AIA Continuing Education Provider

We're proud to be an official AIA CES Provider, delivering continuing education courses to architecture professionals across the U.S. Our courses are designed to enhance your skills and knowledge, keeping you at the forefront of industry standards and innovations.

Our Certified Contractor Program offers extended warranties on qualifying Oskorp products, direct training support to sharpen skills and streamline installations, and priority visibility for future marketing and project referrals.



Oskorp OneBond

Product Description

Oskorp OneBond is a high-performance, single-component hybrid sealant and adhesive based on modified silane (MS) polymer technology. It is engineered for all-weather, all-surface performance in demanding environments — reliably bonding and sealing even on wet surfaces without primer.

Compliance

- ASTM C920: Type S, Grade NS, Class 25 (technical equivalency)
- DIN EN 15651-1 & -4: F-EXT-INT-CC 25HM, PW-EXT-INT-CC 25HM
- Zero VOC
- USDA Non-Food Contact Suitability
- Proposition 65: OneBond Hybrid Adhesive & Sealant is free from substances that require Proposition 65 warnings



Technical Data

Property	Value	Standard
Base Chemistry	Modified Silane (MS Polymer)	-
Cure Rate @ 73°F / 50% RH	Approx. 0.08 in/ 24 hrs	ASTM C679
Shore A Hardness	40	ASTM C661
Density	11.75 lb/gal ± 0.17	ASTM D1475
Skin Formation Time @ 73°F / 50% RH	~25 minutes	ASTM C679
Modulus @ 25% Elongation	> 58 psi	ASTM C719
Tensile Strength (Cured)	~290 psi	ASTM D412
Elongation at Break	~700%	ASTM D412
Elastic Recovery	≥ 70%	ASTM C736
Volume Shrinkage	≤ 5%	ASTM C1241
Application Temperature	32°F to 150°F	-

Oskorp One 4 All Tape

Product Description

Oskorp One4All Adhesive Tape White is a professional-grade, single-sided sealing and bonding tape designed for durable interior and exterior use. The tape features a reinforced LDPE film carrier with integrated scrim for flexibility and strength, paired with a high-performance acrylic dispersion adhesive that bonds aggressively to both polar and non-polar surfaces.

Application Area

One4All Adhesive Tape White is a sealing and bonding tape used for inside & outside applications. The unique adhesive properties make it suitable for bonding and covering of overlaps for various surfaces, like plywood, chipboard and flexible vapor barrier material.



Technical Data

Property	Value	Standard
Carrier	LDPE with scrim reinforcement	–
Adhesive	Acrylic dispersion	–
Total Thickness	10.2 – 11.0 mil	EN 1942
Peel Adhesion	≥ 25 N / 25 mm (5.7 lb/in)	EN 1939 (ASTM D3330)
Elongation	≥ 300%	EN 14410 / ASTM D882
Elongation at Break	~700%	ASTM D412
Tensile Strength / Peel Strength	≥ 25 N / 25 mm (5.7 lb/in)	EN 14410
Water Vapor Resistance	Meets DIN 4108-11	Meets ASTM E96
Aging Resistance	Up to 50 years	Artificial ageing
UV Resistance	2 years	Internal test

Oskorp GoldWrap

Product Description

Oskorp GoldWrap is a non-woven building wrap with a breathable polyolefin coating that performs as both a water-resistive barrier and as an air barrier in accordance with the Building, Residential and Energy Codes.

Compliance

- Intertek CCRR-1018 for IBC, IECC and IRC Compliance;
- DrJ Engineering TER No. 1407-05 (NFPA 285)
- ASTM E2178 Air Permeance (Air Barrier Materials)
- ASTM E2556, Type II Standard specification for vapor permeable flexible sheet waterresistive barriers intended for mechanical attachment
- AC 38 – Acceptance Criteria for Water-Resistive Barriers.



Technical Data

Criteria	Value
Nominal Thickness	0.017 / 17 (in / mils)
Air Permeance (ASTM E2178)	<0.02 L/s-m ² @ 75pa
Tensile Strength (MD / TD) ASTM D5034	50/40 (lb/in)
Water Vapor Permeance ASTM E96 (Desiccant Method)	20 Perm
Water Penetraton Resistance AATCC 127	600 CM H ₂ O
Trapezoid Tearing Strength (MD / TD) ASTM D4533	24/20 lbf
Water Vapor Transmission Rate ASTM E96	170
Fire & Smoke (ASTM E84)	A

Oskorp Platina

Product Description

Oskorp Platina is a premium, high-temperature, self-adhered roofing underlayment engineered for superior durability, adhesion, and weather resistance.

Compliance

- ICC-ES AC188
- ASTM D1970
- TAS 103 (FBC HVHZ; Breathable!)



Technical Data

Property	Standard / Method	Typical Value	Requirement
Thickness	-	31 mil	-
Tensile Strength (MD/XMD)	D2523	51 / 40 lbf/in (post-UV)	≥ 25 lbf/in
Elongation at Break (Film) MD/XMD	D2523	408% / 434%	$\geq 10\%$
Peel Adhesion to Plywood (75°F)	D903	22.6 lbf/ft	≥ 12.0 lbf/ft (D1970)
Moisture Vapor Permeance	E96	9.5 perms	-
Flexibility @ -20°F	D1970	Pass	No Cracking
Compound stability 220°F	TAS103	Pass	No flowing, dripping, nor drop formation
Sealability Around Nail	D7349	Pass	No Water Penetration
Waterproof Integrity of Side Lap	TAS 103	Pass	No Water Penetration
Accelerated Aging (600 hrs)	AC188 / TAS 103	Pass	No Damage / Delamination

Oskorp VARISMART DUO+

Product Description

Oskorp VARISMART DUO+ is a moisture-adaptive smart vapor barrier with fleece and reinforced mesh, engineered for demanding airtight applications. The Duo+ balances airtightness, variable diffusion, and added durability, making it ideal for projects with blown-in insulation.

Application Area

VARISMART DUO+ is a smart vapor barrier with fleece and mesh reinforcement, designed for airtight and moisture-regulating applications. Its adaptive Sd-value allows year-round moisture control, making it especially suitable for use in roofs, walls, and blown-in insulation systems.



Technical Data

Criteria	Value
Nail Tear Resistance (longitudinal) Nail Tear Resistance (transversal)	>150 N
Air Permeance (ASTM E2178)	0.0033 L/s-m ² @ 75pa
Peel adhesion	≥ 25 N/25 mm (DIN EN 1939*)
SD-value (DIN EN ISO 12 572)	0.1 - 20 m
Perm Value (ASTM E96)	0.95 – 22.53 perms
Maximum tensile strength (longitudinal)	>200 N
Maximum tensile strength (transversal)	>250 N
Elongation at Maximum tensile strength	>15 %
Watertightness at .3 PSI (EN1928)	Passed
Fire Safety Classification (ASTM E84)	A

Oskorp DuoEasy

Product Description

Oskorp DuoEasy flashing tape comprises of a modified polyamide with a specially strengthened fleece-foil combination: The tape is made of four laminar layers and offers a variable sd-value. The bottom side is fully self-adhered, which enables a simple concealed installation of the flashing tape, which can be plastered and paint coated.

Properties

- Moisture adapting sd-value
- Suitable for retrofit
- Strong adhering properties
- Can be applied at low temperatures
- Can be plastered and painted
- Expandable



Technical Data

Criteria	Value	Method	Result
Breaking Strength		ASTM D3759	15.21 lbf/in
Elongation		ASTM D3759	48.7%
Water Penetration Around Fasteners	40°F / 24 hr	AAMA 711	PASS
Water Penetration Around Fasteners	After Thermal Cycling	AAMA 711	PASS
Peel Adhesion (after UV Aging)		ASTM G154	16.71 lbf/in
Elevated Temperature			LEVEL 3 (176°F/7 days)
Peel Adhesion		ASTM D3330 (F)	13.44 lbf/in
Thermal Cycling		ASTM D3330 (F)	12.72 lbf/in
Peel Adhesion			No Change
Cold Temperature Pyability		ASTM D1970	Pass

Oskorp 3E Tape

Product Description

Oskorp 3E is a pre-compressed and impregnated multifunctional joint sealing tape made of polyurethane soft foam with acrylic dispersion impregnation and moisture-adaptive functional membranes. Meets requirements for airtightness, watertightness, protection of functional level, and thermal insulation according to DIN 18542:2020 - MF1

Properties

- Driving Rain Tight (≥ 1050 Pa)
- Airtight ($\alpha < 0.1$)
- Very good sound insulation
- Installation independent of weather conditions
- Moisture-adaptive membranes adjust their water vapor permeability to the moisture load.



Technical Data

Criteria	Method	Result
Stress group	DIN 18542:2020	MF2, MPA
Fire testing	ASTM E 84	Class A
Vapour diffusion resistance		Moisture variable, $\mu=10-47$
Thermal conductivity	DIN 18542:2020	$\lambda = 0,0417 \text{ W}/(\text{m}^*\text{K})$, MPA
Joint noise reduction index RS, W	ift SC-01/2:2002-09	unplastered: 57 dB ift
Processing temperature		+5°C to +40°C. +41 to +104 F
Temperature resistance		-20 °C to +60°C -4 to 140 F
Emissions	EMICODE®	EC1Plus (No emissions)
Driving rain tightness	DIN EN 1027	≥ 1050 Pa
Protection of functional plane	DIN 18542:2020	≥ 600 Pa

Oskorp BG1 Tape

Product Description

Oskorp BG1 is a pre-compressed, self-expanding joint sealing tape of polyurethane soft foam with acrylic polymer dispersion impregnation, accessory agents and filling agents. Tests according to ASTM E 283, ASTM E 330, ASTM E 331, based on Miami Dade Protocol.

Properties

- Driving rain resistance > 12.5 psf (ASTM E331/E547) up to 22 psf possible
- Airtight 0.3 cfm/ft at 1.6 psf (ASTM E283)
- Vapor permeable
- Very low emissions (Volatile Organic Compounds, VOC)



Technical Data

Criteria	Method	Result
Shelf Life	-	24 months
Fire testing	ASTM E 84	Class A
Test Loads, Architectural Testing, Inc. York, PA	ASTM E 330	± 75.24 psf Deflection ± 187.97 psf Structural
Air tightness Architectural Testing, Inc. York, PA	ASTM E 283	0.08 cfm/ft (1.57 psf) 0.33 cfm/ft (6.25 psf)
Resistance to water penetration	ASTM E 331	≥21.93 psf (≥1050 Pa)
Heat resistance		- 30°C - 100°C (-40 °F - 212 °F) Short term: -40 °C - 120° C (-40 °F - 248°F)
Joint noise insulation RST,ω	ift SC-01/2:2002-09	up to 59 dB (two sealing tapes)
Thermal conductance	DIN EN 12667	$\lambda = 0.297 \text{ Btu}\cdot\text{in}/(\text{h}\cdot\text{ft}^2\cdot\text{F})$ R-value 1" = 3.509 h ² ·ft ² ·F/Btu R-value 2" = 7.018 h ² ·ft ² ·F/Btu



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Contact

3838 Tamiami Trl. N #416
Naples, FL 34103 USA
welcome@oskorp.com
+1 (239) 365-5525

