

IMPROVE YOUR BUILDINGS' APPEARANCE AND PERFORMANCE WITH

VIPEQ® THERMAL CORKSHIELD™

KEY FEATURES

- ✓ THERMAL BREAK
- ✓ 15 YEAR WARRANTY
- ✓ FIRE RESISTANT
- ✓ BREATHABLE
- ✓ IMPACT RESISTANT
- ✓ FADE RESISTANT
- ✓ WATER RESISTANT
- ✓ ECO-FRIENDLY
- ✓ ROT RESISTANT
- ✓ CRACK RESISTANT
- ✓ SOUND ABSORBING

Introducing Vipeq® Thermal CorkShield™

A versatile high performing coating designed for almost any building. Harnessing the remarkable natural properties of cork, this innovative solution can be applied as an interior or exterior finish to enhance the walls of your home or commercial property.

Vipeq® Thermal CorkShield™ is an eco-friendly option, suitable for a wide range of surfaces including stucco, brick, siding, metal, and more. Installation is exclusively executed by Vipeq® Certified Installers, ensuring top-tier application and results.

Discover how Vipeq® Thermal CorkShield™ can elevate both the appearance and performance of your buildings. Contact us today for more information.

Contact

- +1 (647) 649-7343
- contact@vipeqcanada.ca
- www.vipeqcanada.ca



VIPEQ®

Spray Applied Natural Cork Exterior Finish

Get a brand new finish and add more efficiency to your building

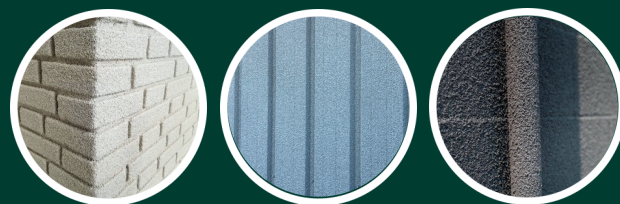


Thermal CorkShield™ will take the existing building you own, and without demolition, make the most out of it with a consistent, beautiful and long lasting performing finish. Spend less time maintaining your home or building, and less money heating and cooling it year round.

We want you to be proud of your investment every time someone sees it; including yourself.

APPLICATIONS

- ✓ BRICK
- ✓ STUCCO
- ✓ SIDING
- ✓ METAL
- ✓ GLASS
- ✓ WOOD
- ✓ RENOVATIONS
- ✓ NEW BUILD & EXISTING
- ✓ INTERIOR
- ✓ EXTERIOR
- ✓ COMMERCIAL
- ✓ RESIDENTIAL



**GET A BRAND NEW LOOK WITH
OUR AVAILABLE COLOURS**

Book your free consultation
and quote!



SUBJECT	STANDARD	RESULTS				
Classification in Accordance with UNE-EN 13501-5:2005	UNE EN 13501-5:2005	BROOF(t1)				
Thermal Conductivity	-	0.068±0.004 W/mK (a 27 °C)				
Classification in Accordance with UNE-EN 13501-1:2007	UNEEN 13501 1:2007	B-s2,d0				
Difference in color after aging in accordance with UNE-EN ISO 4892-3:2006 (250 hours)	UNE-EN ISO 4892-3:2006	Color	ΔE			
		Red	1.91			
		Green	3.98			
Determination of liquid water permeability		Orange	5.54			
Determination of liquid water permeability	UNE-EN 1062-3:2008	0.12+0.01 kg/(m\h0.5)				
Determination of water vapor transmission properties	UNE-EN 1 2086:1998	0.01 rr.				
Laboratory measurement of sound absorption (in a reverberation room)	NP EN ISO 354	0.11 (500Hz)		0.14 (630 a 300Hz)		
Pull-Off Test for Adhesion	NP EN ISO 4624:2004	1 Mpa, 10% A/B, 90% B				
Determination of the mechanical resistance of different materials coated with Corkshield® after conditioning at -2° C	NP EN ISO 4624:2004	Support	Pull-off Test before cycles - MPa	Pull-off Test after cycles-MPa	Variation	
		Concrete slab	0.45	0.84	85.00%	
		EPS	0.25	0.52	108.70%	
Determination of the mechanical resistance variation of concrete coated with Corkshield® after conditioning at (-4°)C	NP EN ISO 4624:2004	Pull-off Strength (Room Temp.) - MPa	Pull-off Test (after conditioning and curing at -2°C) - MPa		Pull-off Test (after conditioning and curing at -4°C) - MPa	
		0.45	0.84		0.78	
Determination of the mechanical resistance of different materials coated with Corkshield® after salt spray test	NP EN ISO 9227:2011 and NP EN ISO 624:2004	Support	Pull-off Test before cycles-MPa	Pull-off Test after cycles - MPa	Variation	
		Concrete slab	0.45	0.7	53.2%	
		EPS	0.25	0.57	132.0%	
Determination of the mechanical resistance of different materials coated with Corkshield® exosure to filtered xenon-arc radiation	EN ISO 11341:2004 and NP ENISO 4624:2004	Support	Pull-off Test before cycles - MPa	Pull-off Test after cycles - MPa	Variation	
		PVC	1.27	1.4	10.50%	
		Concrete slab	0.45	1.18	158.60%	
Determination of the specific heat of Corkshield® coating material		1.979 J/(g.K)				
Determination of slip resistance by means of the pendulum test	NPEN 14231:2006	Support	Slip resistance value in wet conditions	Slip resistance value in dry conditions	Decrease	
		Concrete	84	55	34%	
		EPS	89	55	39%	
		Asbestos Cement	67	58	13%	
		Wood	86	56	34%	
		Zinc	85	55	35%	
Determination of the mechanical resistance of different materials coated with Corkshield® submitted to hydrothermal cycles (heat-cold)	NPEN ISO 4624:2004	Support Material	Pull-off Test before cycles-MPa	Pull-off Test after cycles - MPa	Variation	
		EPS	0.25	0.32	29.10%	
		Concrete slab	0.45	0.78	71.60%	
		PVC	1.27	1.51	18.90%	
Analysis of the evolution of heat transfer through systems with and without coating with Corkshield®		Specimen		Heat Transfer Resistance		
		EPS+Zinco (with and without CorkShield®)+EPS		Higher with Corkshield®		
		EPS+MDF (with and without CorkShield®)+EPS		Higher with Corkshield®		
Determination of the mechanical resistance of different materials coated with Corkshield® exposed to condensation - water atmosphere	NPEN ISO4624:2004	Support Material.	Pull-off Test before cycles - MPa	Pull-off Test after cycles - MPa	Variation	
		EPS	0.25	0.4	61.00%	
		Concrete slab	0.45	0.49	7.90%	
Test for External Fire Exposure in roofs. Test 1: Burning Torch Method, in Accordance with UNE-ENV1 187:2003	UNE-ENV 1187:2003	External fire spread		Fire Penetration		
		NO		NO		
Reaction To Fire Test in Accordance with UNEEN 13823:2002 and UNE EN ISO 11925-2:2002	UNEEN ISO11925-2:2002	THP600 (MJ)	FIGRA 0.2MJ (W/s)	FIGRA 0.4MJ (W/s)	TSP 600S SMOGRA (m²)	
		1.72	110.71	78.44	153.47 30.69	
		LFS	DROP T ≤ 10s		DROP T>10s	
		< to the edge	No		No	
Measurement of Surface Temperatures and Heat Flow Under Radiation	UNE EN ISO 12543-4:1998	Fibre cement without coating		White Cork 14	White Cork18 Natural Cork 10	
		Exposed surface temperature CC)	36.7	35.3	32.9 36.7	
		Unexposed surface temperature (°C)	35.2	30.7	27.8 28.6	
		Heat flow (W/m²)	237.4	123.3	99.0 166.2	
Measurement of Surface Temperatures and Heat Flow Under Radiation	UNE-EN ISO 12543-4:1998	Fibre cement without coating		White Cork 14	White Cork18 Natural Cork 10	
		Exposed surface temperature CC)	42.9	41.6	41.3 43.0	
		Unexposed surface temperature (°C)	37.3	35.5	35.0 37.1	
		Heat flow (W/m²)	122.2	64.4	65.8 100.1	



- Flame Spread and Smoke Tests**
- Flame spread zero
 - Smoke Developed 10 out of 450



- Fungi Test**
- Vipeq Thermal CorkShield™ received an average growth rating of zero (No Growth 0%)



- Vapor Test**
- Water Vapor Transmission -375.78 g/day.m²



- Salt Test**
- No visible signs of damage - 0.5%



- Combustibility Test**
- Zero Flame spread, no particulates created
 - Thermal CorkShield™ melts does not burn

Why Join the VIPEQ Family?

- › **Sustainable Innovation:** Our materials are engineered with a focus on sustainability, significantly minimizing environmental impact without compromising performance excellence.
- › **Global Leadership:** As a global leader, VIPEQ extends its reach across the Americas, Europe, Asia, and beyond. Wherever you are located, you will join a worldwide network of professionals committed to unparalleled excellence.
- › **Continuous Advancement:** Remain at the forefront with the latest advancements in product innovation and industry knowledge. We guarantee access to premier tools and materials to enhance the success of your projects.



Sustainable construction, the future of building.

The global green construction industry is rapidly growing and is increasingly recognized as a long-term business opportunity. A recent study reveals that 51% of architects, engineers, construction companies, owners, and consultants anticipate that by 2030, over 60% of their projects will adhere to green standards, a significant increase from just 28% in 2012. This shift toward sustainability is not confined to specific regions or economies; it is expanding across the global construction market, demonstrating a worldwide commitment to greener, more eco-conscious building practices.

