



TECHNICAL DATA SHEET (TDS)

INTELLIGENT PROTECT AND PHUCK OFF CHARITY EDITIONS | 2023



1. Product

1.1. Product Description

Intelligent Protect & Phuck Off Charity Editions surface protection film is a 5-star preservation solution for your windows, frames and surfaces. It is spray applied, peelable film with high weather resistance.

Using Intelligent Protect & Phuck Off Charity Editions with doors and windows slightly open allows you to open and close these doors during construction works without detaching the film.

Intelligent Protect and Phuck Off Charity Editions is unlike any other form of temporary protection. As a spray applied, water based, VOC free polymer, Intelligent Protect offers a complete seal to any other substrate that dries itself into an extremely tough polymer membrane.

UV and weather resistant, Intelligent Protect and Phuck Off Charity Editions surface protection film is for internal and external use that can last up to 18 months, protecting your surfaces throughout the construction phase.

Intelligent Protect and Phuck Off Charity Editions is a water born, ready to use liquid based on state-of-the-art polymer technology. The liquid is spray applied and dries to a peelable, light transparent colourless film.

* Complete and effective protection against damages and pollutions caused by plastering works, sparks of grinding discs, concrete casting etc.

* Fast application with an airless spray device.

* Solvent Free

* Both for inside and outside, short, and long term.

1.2. Production Adhesion

* Intelligent Protect and Phuck Off Charity Editions protective film does not detach due to wind.

Intelligent Protect and Phuck Off Charity Editions can adhere to the following substrates.

* Windows and doors (Aluminium and uPVC)

* Bathtubs, Shower trays and Shower screens

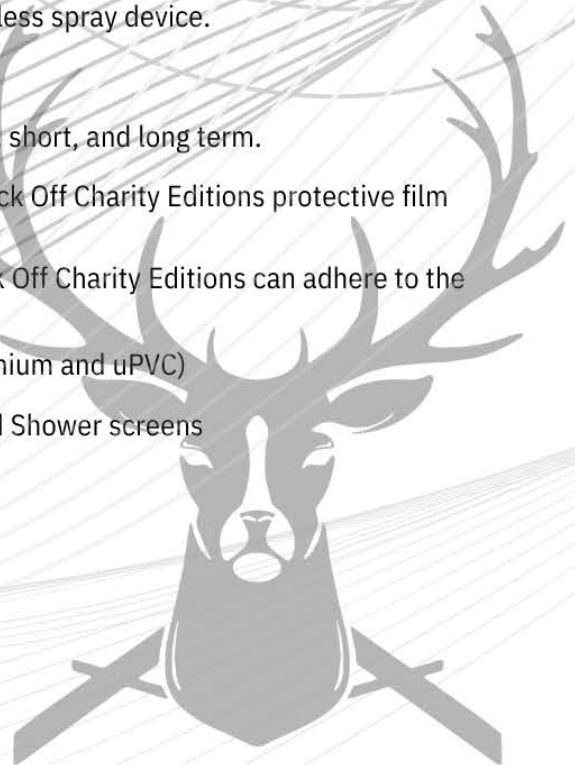
* Tiles

* Aluminium

* Glass

* Concrete

* Worktops



1.3. Product Limitations Intelligent Protect and Phuck Off Charity Editions has the following limitations.

- 1.3.1.** * Do not use on polycarbonate glass
- 1.3.2.** * Do not use on wooden windows or doors
- 1.3.3.** * Do not apply during rain or when rain is expected within 24 hours
- 1.3.4.** * Do not apply during frosts
- 1.3.5.** * Do not apply on surfaces with a temperature of > 40 degree Celsius

Intelligent Membranes cannot be held liable for damages on surfaces protected with Intelligent Protect and Phuck Off

1.4. Product Characteristics

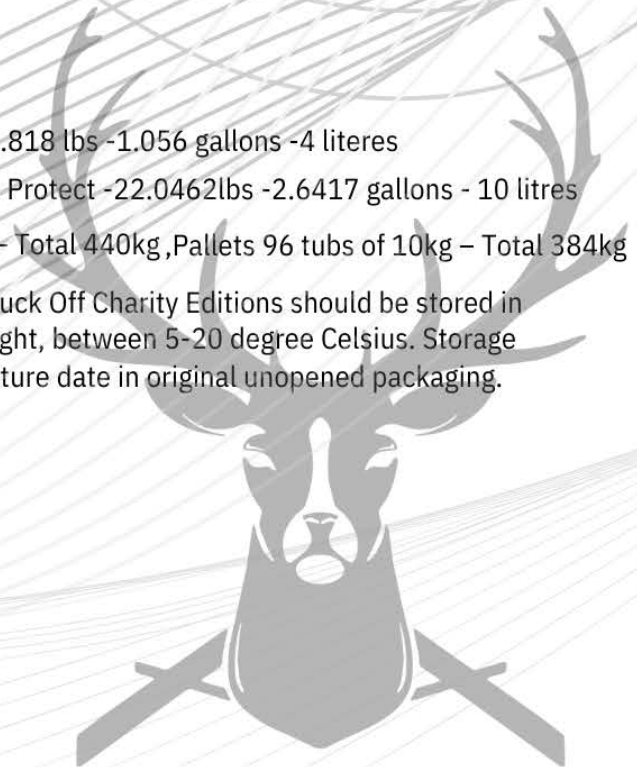
- 1.4.1.** * White Liquid, light transparent colourless film when dried
- 1.4.2.** * Consumption: 0.5 kg / m² (0.9 kg / m² on concrete)
- 1.4.3.** * Density: +/- 0.95 kg / l
- 1.4.4.** * Semi-transparent, flexible, peelable
- 1.4.5.** * Weather resistant after 4-48 hours depending on weather conditions

1.5. Product Packaging

- 1.5.1.** *Tubs 4kg of Phuck Off- 8.818 lbs -1.056 gallons -4 literes
* Tubs 10kg of Intelligent Protect -22.0462lbs -2.6417 gallons - 10 litres
- 1.5.2.** * Pallets 44 tubs of 10kg – Total 440kg ,Pallets 96 tubs of 10kg – Total 384kg

1.6. Product Storage

Intelligent Protect and Phuck Off Charity Editions should be stored in the dry, out of direct sunlight, between 5-20 degree Celsius. Storage for 12 months of manufacture date in original unopened packaging.



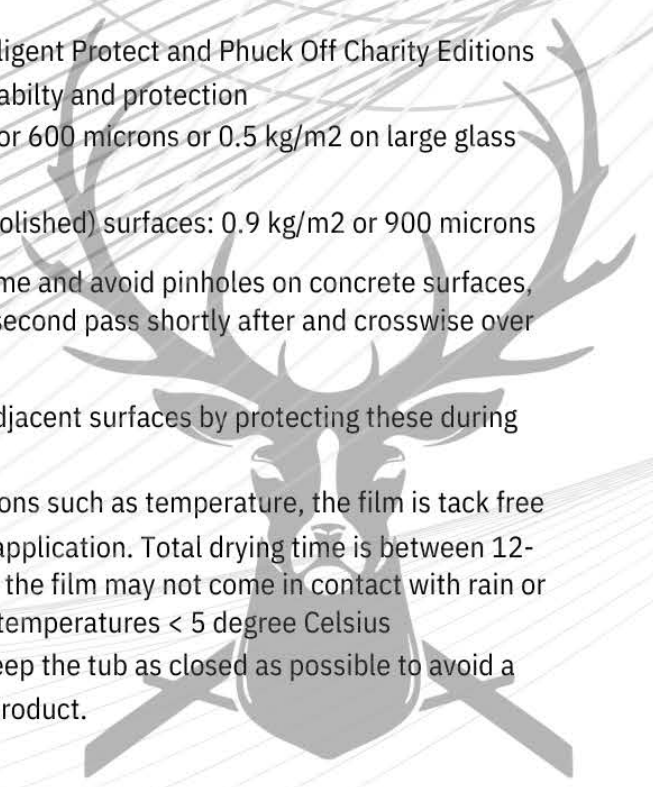
2. Application

2.1. Preparation

- 2.1.1. * Always perform a trial with a paintbrush. Remove and evaluate the surface for suitability and for possible colour or gloss differences.
- 2.1.2. * Apply Vaseline spray to all rubber / silicone surfaces.
- 2.1.3. * Clean all surfaces before product application.

2.2. Application

- 2.2.1. * When applying Intelligent Protect and Phuck Off Charity Editions we recommend the following PPE as a minimum
- 2.2.2. * Suitable eye protection
 - * Gloves
 - * Face mask (which covers mouth and nose)
- * Do not add any water or solvents to Intelligent Protect Phuck Off Charity Editions
- * Requirements during application and drying 5-40 degree Celsius
- * Do not apply during rain or frost, or if expected within 24 hours
- 2.2.3. * Intelligent Protect and Phuck Off Charity Editions is spray applied using an airless spray device (such as a Graco 595), at 100-150 bar pressure, and with a spray tip with an opening between 0.38mm and 0.58mm
- 2.2.4. * Consumption of Intelligent Protect and Phuck Off Charity Editions to guarantee easy peelability and protection
- 2.2.5. * Windows: 0.6 kg/m² or 600 microns or 0.5 kg/m² on large glass surfaces
- 2.2.6. * Concrete (Smooth / Polished) surfaces: 0.9 kg/m² or 900 microns
- 2.2.7. * To speed up drying time and avoid pinholes on concrete surfaces, apply in 2 passes, the second pass shortly after and crosswise over the first pass.
- 2.2.8. * Avoid overspray on adjacent surfaces by protecting these during application
- 2.2.9. * Depending on conditions such as temperature, the film is tack free within 4-8 hours after application. Total drying time is between 12-48 hours, during which the film may not come in contact with rain or any form of water, nor temperatures < 5 degree Celsius
- 2.2.10. * During application, keep the tub as closed as possible to avoid a skin formation on the product.





2.2.11. Graco ST Max II 495 airless spray machine



2.2.12. Spray demonstration

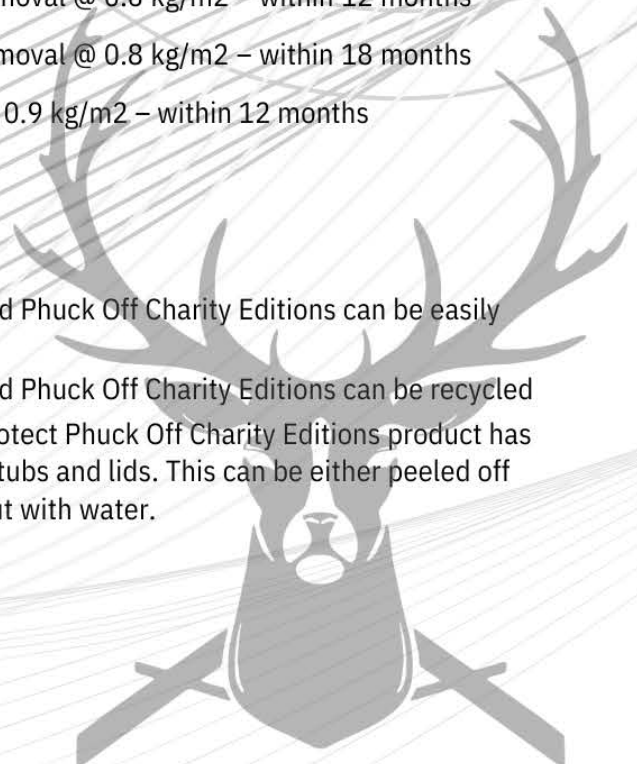
- 2.2.11.** * If installing Intelligent Protect and Phuck Off Charity Editions inside, allow as much ventilation as possible.

2.3 Product Removal

- 2.3.1.** * Window and door removal @ 0.6 kg/m² – within 12 months
- 2.3.2.** * Window and door removal @ 0.8 kg/m² – within 18 months
- 2.3.3.** * Concrete surfaces @ 0.9 kg/m² – within 12 months

2.4 Product Cleaning

- 2.4.1.** * Intelligent Protect and Phuck Off Charity Editions can be easily cleaned using water.
- 2.4.2.** * Intelligent Protect and Phuck Off Charity Editions can be recycled once any Intelligent Protect Phuck Off Charity Editions product has been removed from the tubs and lids. This can be either peeled off when dry or cleaned out with water.

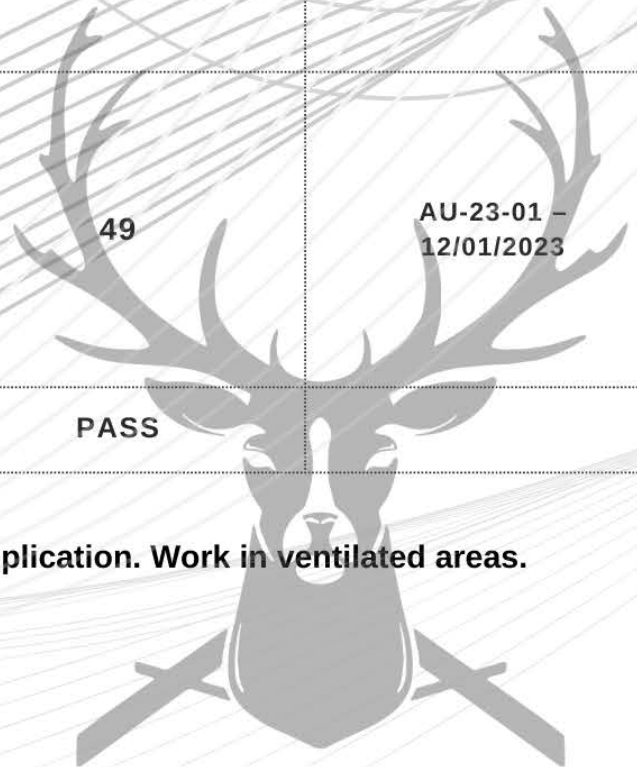


3.0. Test report's

TEST	STANDARD	VALUE/RESULT	REPORT
UV RESISTANCE AND NATURAL AGEING	EN ISO 16474-3:2013 – 400H.	PASS	12.0432-1 12/01/2023
SYSTEM EVALUATION	VERITAS	PASS	BV.AVS.4.23.14012– 12/01/2023
ABSENCE OF MICROPORES	AANALYSIS X4, X7, X10	PASS	BV.AVS.4.23.14012– 12/01/2023
RESISTANCE TO SPARKS OF GRINDING AND WELDING	SGS TEST PROGRAMM	PASS	204624B– 12/01/2023
TRACTION	SGS TEST PROGRAMM	6,4 N/MM2	LMC/23/001 – 12/01/2023
ELONGATION	NBN EN ISO 527-3 (2023)	122 %	LMC/23/001 – 12/01/2023
HARDNESS SHORE A	ISO 7619-1 (2023)	87	AU-23-01 – 12/01/2023
HARDNESS SHORE D	ISO 7619-1 (2023)	49	AU-23-01 – 12/01/2023
VOC CONTENT	ISO 11890-2	PASS	

SAFETY- Consult the Safety Data Sheet prior to application. Work in ventilated areas.

Always refer to the C.O.S.H.H sheet.



4.0. Do's and don'ts

DO'S

- 4.1. Do a 3-7 patch test on any substrate you intend on using the product on
- 4.2. Do mix before use
- 4.3. Do use appropriate PPE according to the nature of the work
- 4.4. Before using a new/different product completely drain or bleed and flush lines or equipment from previous products
- 4.5. Clean up any spills in the area immediately to avoid slippery surface
- 4.6. Use the drip tray when possible
- 4.7. Do use correct tip size and pressure suited to the person spraying the product and the product itself
- 4.8. Do store in a safe place away from freezing temperatures/extreme heats
- 4.9. Do recycle or clean and re-use empty tubs
- 4.10. Do use a wet film gauge to measure the thickness of the product
- 4.11. Do mask any surface areas you do not want to get hit from potential overspray
- 4.12. Do always follow H&S guidelines
- 4.13. Do always know where on site accident kit is kept in case of emergency
- 4.14. Do always read the product sheet for further instructions and guidance before application
- 4.15. Do seal tub back up after use
- 4.16. Do use a wet film gauge to verify applied thickness of 0.5-1kg/m² (0.500 - 1000 microns) see product sheet for further details

DON'TS

- 4.17. Do not use under 5 degrees or temperatures expecting to drop below 5 degrees or freezing point within the next 24-48 hours
- 4.18. Do not use in the rain or when rain is expected within the next 24-48 hours
- 4.19. Do not mix/dilute with water or solvents
- 4.20. Do not consume
- 4.21. Do not use for anything else other than its intended purpose of a window/glazing/façade protective coating i.e. do not use as water- proofing/tanking
- 4.22. Do not mix with any other products
- 4.23. Do not use on WOODEN/TIMBER windows and other highly porous surfaces
- 4.24. Do not spray LESS than the guided amount of at least 0.6kg/m² or ~600 micron - or concrete surfaces: 0.9kg/m² or ~900 micron (~0.9kg/m²). Verify layer thickness with a wet film gauge
- 4.25. Do not apply more than 1.5kg/m² (~1500 micron). verify thickness with a wet film gauge
- 4.26. Do not keep outside in cold temperatures/always store in a safe place
- 4.27. Do not spray onto pile/fuzzy weather strip in sliding doors
- 4.28. Do not fade out/overspray, always have a solid edged stop for peel ability



5.0 INTELLIGENT PROTECT GALLERY

5.1. Intelligent Protect examples:



5.1.2 Multi-story tower block



5.1.3 Bifold doors



5.1.4 Front entrance



5.1.5 Phuck off kitchen island
install

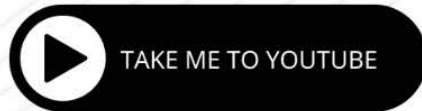
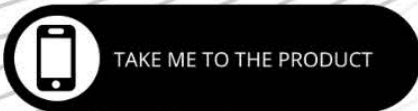


5.1.6 Phuck off install on
french doors

6.0. DATE OF THIS EDITION: 12/01/2023

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