

ISPS GRADES:

Bonethane PREMIUM® Too easy.

BonethaneGN™ Acrylic Grade.

IPA Acrylic Series™



BEFORE YOU INSTALL, READ ALL INSTRUCTIONS! Thank you for choosing ISPS 😊 Prior to install: Colour must be checked by peeling masking in top left corner a few cm, keeping masking intact. Cut to size & shape measurements must also be checked prior to install. IF IN DOUBT, DO NOT CUT OR INSTALL BONETHANE GRADES OR IPA call ISPS 08 8381 8880. ISPS will not be held accountable if you continue with install. WARRANTIES, EXCHANGE OR REFUNDS will be void, IF TAMPERED. IT IS YOUR RESPONSIBILITY TO CHECK GOODS & REPORT. All GOODS ARE QUALITY CHECKED & PHOTOGRAPHED APON DESPATCH. www.ispsinnovations.com.au

Have a creative Day! With ISPS Innovations!

PH 08 83818880 internet copy

NOTE: Warranty guidelines PROTECTIVE FILM IS ON THE FACE OF SHEET YOU HAVE PURCHASED. THIS IS THE GLOSSY SIDE ONCE MASKING IS PEELED OFF. THERE ARE DIFFERENT TECHNIQUES FOR CUTTING ISPS SHEETS. DO YOU HAVE PREMIUM, GN OR IPA? FOLLOW CUTTING INSTRUCTIONS FOR THE GRADE YOU HAVE PURCHASED. DIFFERENT GRADES REQUIRE DIFFERENT BLADES! **WHAT GRADE DO YOU HAVE? Call 08 83818880. CHECK COLOUR PRIOR TO INSTALL.**

NOTE Warranty Guidelines if your sheets have been pre cut by ISPS, remeasure sheet cuts before installation. If you feel there is an error in the dimensions cut, that do not reflect your cutting list provided to ISPS, ISPS must be contacted within 24 hours of receipt of goods checked by you. ISPS sheets must not be installed if this is the case. ISPS will replace & retrieve original goods providing items have not been tampered with & are in excellent condition. If you have installers booked to install product, only do so if you are 100% that all items in packaging are checked & measured by you. ISPS is not responsible for any pre booking of installers or removal or re installation of our brands if you have not thoroughly checked your receipt of goods prior to installation dates & an error made. **REMEMBER IF THERE IS AN ERROR, DO NOT INSTALL ANY SHEETS, EVEN IF THERE ARE SEVERAL PIECES IN THE PACKAGING & ONLY ONE IS WRONG.** CALL 08 83818880 A/H 0424877084. MAKE SURE YOU READ CAREFULLY! A cutting list is packed with each order, please mark off against sheets packed.

Warranty Guidelines TIP: NOTE A/White Bonethane on White walls or doors can appear grey against certain decor

DO NOT PLACE BONETHANE PREMIUM, GN OR IPA BUTT UP AGAINST FLAMES & ELECTRICAL ELEMENTS. WASH ISPS GRADES WITH WARM SOAPY WATER, DO NOT POLISH WITH DRY CLOTH, WIPE WITH DAMP WARM TOWELING CLOTH, ISPS BRANDS DRY & SHINE. BEFORE PLACEMENT OF SHEET GRADES, ENSURE HOLES & DARK SPACES ARE FILLED & EVEN. CHECK WATER PROOFING, ASSURE ALL AREAS ARE CURED BEFORE PLACEMENT. CHECK SHEET COLOUR PRIOR TO INSTALL BY PEELING BACK TOP LEFT EDGE A FEW CM. CHECK CUT TO SIZE, BEFORE INSTALL. DO NOT ATTEMPT TO INSTALL IF DISCREPENCIES ARISE. WARRANTIES & OR REPLACEMENT WILL BE VOID. ISPS MUST INVESTIGATE AS APART OF OUR WARRANTIES.

With the likes of most finishes ie: laminates, timbers, etc. The use of abrasive tools and cleaners are strictly not recommended, warm soapy water will maintain true beauty & superiority in appearance & style. Bonethane PREMIUM™ is quite robust & will perform extremely well providing warranty guidelines are maintained.

Welcome to the World of Bonethane Premium®. Bonethane Premium® comes in an array of colours. A high heat Polymer & Coating formula. Bonethane Premium® is crafted & customised modelling strength, flexibility & colour spectrums that are simply endless. Bonethane Premium™ is a higher heat plastic but not Acrylic based. If you require Acrylic based product see our **GN™ & IPA Acrylic™ Range** at www.ispsinnovations.com.au.

Bonethane Premium® can be applied to kitchens, laundries, doors (special order), feature walls, external shop fronts, gymnasium change rooms, clinical rooms, specifically targeting those wet areas. UV treated for outdoors ie: pool areas, patio's options & colours are endless. **ISPS colour match** up to 15% variation to your selected colour choice. Securing a 7 year warranty against ordinary conditions, please refer to warranty reflecting maintenance of Bonethane™ & other grades. Keep Bonethane Premium™ from heat expelled appliance a minimum of 10cm away & up right. Do not butt up against gas cook top, 20CM CLEARANCE REQUIRED .If you require clarification call 08 8381 8880. ISPS do not recommend Acrylic substrates to be placed behind any cook top! www.kuttm8.com.au

Bonethane PREMIUM™ Benefits Is DIY cost effective.

Bonethane™ Premium is light flexible and will not crack during handling. Bonethane PREMIUM™ can be cut down on site including power points and innovative angles which bring style to any home or commercial environment moments before installation which does not warrant extra cost. Accelerated testing methods have been carried out on Bonethane PREMIUM™, due to harsh conditions experienced in a kitchen, domestic, commercial & outdoor environment, ie: humidity, heat & cold to name the foremost contributors of climatic weathering in these surroundings. Light scratches can be buffed out using same application as you would a vehicle. Bonethane PREMIUM™ is versatile & a friendly product with an easy to care for surface. Bonethane PREMIUM™ stands out as an excellent choice for metal & glass replacement for continuous service temperatures of 120°C (maintain distance specification). Pans residing on induction cook-tops should sit at least 10cm away. Never leave hot cooking pots in use unattended.

Premium Standard sheet size is 5mm 760 by 2440 PACK, Larger Sheet Size 5mm 2440 by 1220. Please note the sheets can be slightly larger than indicated, this is allowed for play in product, this should be trimmed or planned. Bonethane GN is our Acrylic grade 5mm. IPA Acrylic Series is 6mm in 143 colours, can be ordered cut to shape size, lower heat rating great for bathrooms outdoors. GN & IPA sheets must be cut with plastic cutting blade fine sharp teeth, cuts must be planed so not to crack or split, low revolution when drilling. Like all Acrylics this places stress within the sheet, please refer to GN & IPA cutting instructions on last page.

It is regulation that when installing any products that Australian standards are followed in conjunction with the product you choose.

TECHNICAL DATA BONETHANE PREMIUM

CRITICAL Test Methods:AS1580 410.1 Cold Checking Cycling 20 Cycles, ASTM D 4585-99, 1000Hrs/60C Water Resistance, KCMA 9.3, 24 Hours Chemical Resistance BS 3962 Part 2 1980 Resistance to Dry Heat BS 3962 part 3 1980 Resistance to Wet Heat Steel Wool Surface Scratch Test 10 Double Rubs on Coating Formulae to back. Full immersion boiling hot water Test, 3 min 100 C. REFER DATA SHEET ON LINE.

Care Do's **Warranty Guidelines** Prior to Bonethane installation, ensure wall is flush, holes filled & level, neutral consistent colour. If sheets are pre-cut, please remeasure before placement, this should be done prior to installation. Inconsistencies in cutting should be addressed & reported within 24 hours of pick up. Check which Sheet grade you have. Different grades require different blades. Check colour by peeling back top left corner a few cm, keeping masking in tact. Call ISPS if in doubt, do not install. Cut to size or wrong colour choice on your part are non refundable or exchangeable as your order is custom made to your request. All sheets are manufactured by Superior Machines & masked for added protection.

TO CLEAN: Strictly use warm soaked soapy (detergent) sponge in circular Motion. Do not use nylon sponge, soft cotton or towelling is fine.

TO RINSE: soft towelling cloth merge into clean warm water & squeeze, wiping lather off in down motion repeat second or third time, removing excess lather. DO NOT POLISH WITH DRY CLOTH! **ISPS SHEETS ARE DESIGNED TO AIR DRY & SHINE!!!** To remove excess oils use plastic degreaser wash with warm soapy water immediately, rinse, once rid of filmy residue, wipe with warm damp towelling cloth, walk away **ISPS** Sheets air dry & shine.

Care Do's **Warranty Guidelines**

TO DRY: Do not dry polish. Bonethane Premium™, BonethaneGN™ & IPA Acrylic™ will air dry & shine, allow excess water to become minimal when wiping down with warm damp towelling cloth, allowing to dry & shine. Ensure residue is rinsed thoroughly to leave streak free 😊. **TIP** Lightly sand edges prior to placement, to conceal saw marks that can shadow when natural light peers through edge. This is apart of install process.

Care don'ts **Warranty Guidelines**

Do not use abrasive cleaners, scourers or scouring compounds, window cleaners, acetone, toluene chloroform, xylene, amyl acetate, dichloromethane, butyl alcohol, butyl acetate, cellulolve, giacial acetate acid, cressols/phenols ,halogenated solvents, Ketone (pvc glue) ethylacetate, chlorinated solvents, Sulphuric acid, MEK methyl alcohol and bleach. Do not apply thinners to the face of ISPS sheets. No acidic Silicone based products. Not a bench top. Do not place directly against or on exposed flames or heat expelled elements. Do not butt up to stove tops. Do not cut with circular saw or big teeth blade as this can crack or chomp into the product. Do not use liquid nails. Back of the ISPS sheets is the coated side, the back is siliconed to the wall. The glossy side is masked (for protection) this is the face, do not silicone the masked side to the wall. The masking is in place to protect the face (glossy side) of the sheet. When cutting be mindful not to cut back to front, use packaging as a cutting template. DO NOT USE FUMABLE COATINGS TO DECKING ETC WHERE ACIDIC FUMES CAN BE TRAPPED or RELEASED DUE TO HEAT. APPLY FIRST ALLOW TO CURE. ENSURE AREA IS WELL VENTIALTED. ALWAYS REMOVE ISPS SHEETS WHEN RE -VARNISHING FLOORS WHERE ISPS sheets rest. THIS SHOULD BE A RULE FOR ALL PRODUCTS & YOUR HEALTH.

DO NOT **Warranty Guidelines**

Do not: leave very hot items ie: hot pans, hot jugs leaning against **ISPS** sheets. This could damage or mark the product. Do not place Bonethane Premium™ on a direct flame, heat element or anything of constant extreme heat nature. (Distance min 20cm) or what appears in care don'ts as this requires a metal, glass or mosaic tile strip. Warranty will be void if information stated on these product sheets are not strictly followed. Bonethane Premium™ has a continuous service temperature of 120°C. Bonethane Premium™ must sit up right against wall, minimum 20 cm from any heat expelled appliances; anything closer requires stainless steel, glass or mosaic strip width and height of extreme heat expelled area.

Items of extreme heat nature must not touch or be placed close to Bonethane™. Do not butt up Bonethane Premium™. to gas cook top. DO NOT USE BIG TEETH BLADES on circular saw, only fine & sharp for straight continuous cuts, no stopping or starting. Do not paint wall dark patchy colours prior to placement. Keep colour on wall neutral & consistent. Do not silicone the face (masked side, glossy side to wall), unmasked side is the back. The masking is there to protect the face of the sheet from injury.

For silicone spills on sheet face apply mineral turps to remove residue. Dab on with soft cloth, gently remove in small circular motion, follow wash instructions, silicone spill GONE! 😊

Cutting

Warranty Guidelines

Bonethane Premium™ sheets can be easily cut by using the most standard fabricating equipment. When cutting Bonethane Premium™ keep masking on the face of the sheet. This protects the Bonethane Premium™ face from being injured. Cordless Equipment: Ensure batteries are fully charged & blades suitable & sharp for cutting. Batteries not fully charged will result in loss of momentum, which can pull up the product, creating a danger, resulting in the product flicking up.

Cut Premium Bonethane™ with sharp fine blade small teeth. **GN & IPA** must strictly be cut with sharp plastic blade with fine teeth, always plan cuts with **GN grade & IPA**. **Call ISPS re; our KUTTM8, Cutting pad.** KUTTM8 is a cutting pad designed to assist you in cutting those difficult angles allowing you to achieve your cuts with ease just \$58 + P&H. Visit www.kuttm8.com.au If we have pre cut your sheets, please remeasure before installation, any concerns must be - reported in first 24 hours of receipt or sooner. We will not be responsible for any installation removal or re installation. Please read page 1 paragraph 2. **TIP** Lightly sand edges prior to placement, to conceal saw marks that can shadow when natural light peers through edge. This is a part of install process. **NOTE:** If step is missed ISPS is not responsible.

Emergency Overview: Warranty Guidelines

Sheets have almost no odour. At decomposition will create toxic dense smoke. If heated to melt-point the molten plastic can cause severe thermal burns. Secondary operations, such as grinding, sanding or sawing can produce saw dust, which may create a respiratory or fulmination hazard. Sawing, Polymers, MDF Timbers etc carry the same threat. It is important when cutting any products being plastic, MDF, Timbers, Laminates etc that proper masks are worn over nose & mouth to prevent any inhalation. Do not saw near open flames & ensure that all saw dust is removed & area(s) cleaned. When sawing any items ensure that you are in a well ventilated environment.

Instructions

Warranty Guidelines

Lay Bonethane Premium™ or other ISPS grades flat for first 3 hours prior to installation, ensure the wall is level.

Bonethane Premium™ is a polymer based product not to be confused with other Acrylic substrates. **NOTE:** A/White Bonethane on White cupboards or bench tops can appear grey in colour. Contact Bonethane for further help when choosing colour or visit www.ispsinnovations.com.au Further ensure wall is flush & has a neutral consistent colour before sheet placement.

Instructions

Warranty Guidelines

Ensure all cordless equipment is fully charged & blades are suitable for cutting. It is important to work in a clean well ventilated well lit area when sawing in a domestic or commercial work place. Protective goggles for eyes and mask for nose & mouth should be worn when sawing, drilling etc. **PEEL BACK MASKING A FEW CENTIMETERES & CHECK COLOUR BEFORE INSTALLING. ENSURE ALL COLOUR SHEETS HAVE BEEN ORDERED OFF SAME COLOUR BATCH. ISPS IS NOT RESPONSIBLE FOR FREIGHT CHARGE IF WRONG COLOUR HAS BEEN CHOSEN OR PRODUCT HAS NOT BEEN ORDERED FROM SAME COLOUR BATCH. WE ARE HAPPY TO EXCHANGE IF GOODS ARE NOT CUT & TAMPERED WITH ON STANDARD COLOUR RANGE & SENT BACK IN EXCELLENT CONDITION AS PURCHASED. FREIGHT CHARGES & RESTOCKING FEE APPLY TO CONSUMER FOR EXCHANGE & RETURN. WE DO NOT EXCHANGE CUSTOMISED ORDERS. GOODS PURCHASED SHOULD STRICTLY BE OPENED BY CONSUMER & CHECKED PRIOR TO INSTALL.**

ORDERS WITH SPECIAL CUTTING THAT HAS BEEN SIGNED OFF BY CONSUMER (YOU) MUST BE MEASURED & CHECKED BEFORE INSTALLING & REPORTED TO ISPS WITH IN 24 HOURS OF PICKUP FOR ANY INCONSISTENCIES.

Following tools can be used INSTRUCTIONS & INSTALLATION ON PREMIUM Jigsaws sharp fine teeth, fine sharp (plastic teeth for GN ACRYLIC & IPA ACRYLIC), planer, drilling etc require plastic drill bit attachment.

Following items are or may be required

Not included in Bonethane™ pack, tile wedges, clear silicone, protective goggles, dust mask, saws, jigsaw, fine sharp teeth for cutting! level etc. joining strips (CALL ISPS IF YOU REQUIRE JOINING STRIPS ADDITIONAL FEE MAY APPLY) Joining Strips are used to finish edges, the strips create beautiful lines that express either extension of length or finishing either a horizontal or vertical join in anodised or colour coded finish.

All cuts must be planned when cutting GN grade or IPA Acrylic grade, no stopping or starting with cutting process, fine sharp plastic blade should strictly be used refer page 6.

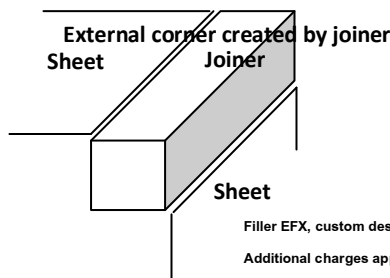
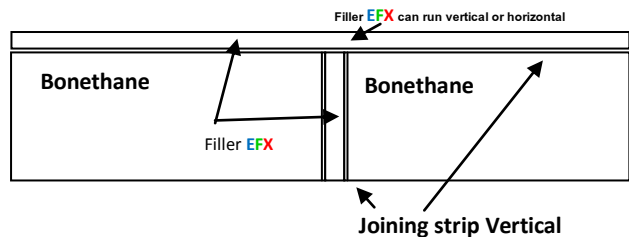
Drilling INSTRUCTIONS AND INSTALLATION ON BONETHANE PREMIUM™

When drilling Bonethane Premium™ the revolving speed is intensified when the hole is smaller. If the hole is greater the revolving speed should be lessened. When adjusting thinner materials you should always work with caution to minimise cracking, error or pulling as a result of tools being used and not appropriately supported. Try Kuttm8 great for cutting thin materials!

ISPS can colour tone existing Bonethane if you require extra piece. Process: ISPS require an A4 or A3 size of Bonethane to be posted. If you require this piece back we will send back. Please read more on www.ispsinnovations.com.au under colour section. [internet copy](#)

It is regulation that when installing any products that Australian standards are followed in conjunction with the product you choose. Regulations are for your safety

JOINING STRIPS when adding joining strips to sheets no allowance needs to be made, strips can be butt joined vertically or horizontally. Allowance should only be made for the sheet when butting up to a wall, bench top or underlying cupboards. Joining strips are an extra cost with some ISPS grades & packages.



6mm solid joining strip can be used as vertical or horizontal joiner, to join pieces or wrap around window or create external right angle.

Filler EFX, custom designed. 65 x 760mm. Longer lengths available. Additional charges apply. Designs custom made to run through the sheet either vertical or horizontal, housed by ISPS trim or can be butt joined. Please see diagram above. Call 08 8381 8880 for more info.

Warranty guidelines

Bonethane™ face / Coated side is the back

STEP 1

Ensure that wall is level and flush forming even flat surface for placement of Bonethane™. Further prior to installation ensure that the wall is painted neutral consistent colour. Use led pencil for marking cut outs or cuts. Neutral colour on the wall is not required if your product has GRIPTEK™ backing. BonethanePremium® has GRIPTEK backing.

STEP 2

Measure outside perimeter of the wall. Length and height, allowing 1 to 2mm gap all around. For example you have over hanging cupboards, you measure 500 height by 500 length your cut out area should be 498 x 498 (2mm) It is important that the 1 to 2mm gap is followed around the parameter, allowing Bonethane Premium™ to expand & contract. Measure section for cut outs(s) ie: power points, angles etc. Sheets can be butt joined. No allowance required when adding joining strip to sheet side by side. With over hanging cupboards trim is not required horizontally on top section. This is because this area requires at least 1mm to 2mm space for wall movement Please refer image above. Any edges that have been cut should be lightly sanded prior to placement on the wall. This process assists with light shadow lines that can reflect in the sheets.

IF YOUR SHEET IS PRECUT BY ISPS, RE MEASURE PRIOR TO INSTALL. DO NOT INSTALL ANY SHEETS, IF YOU BELIEVE THERE IS AN ERROR. **CONTACT** 08 8381 8880 ASAP. PLEASE READ ABOVE. I all measurements are correct, ensure that edges are lightly sanded prior to installation, this assists with light creating shadow lines.

STEP 3

On perimeter of Bonethane™ allow a 1 to 2mm gap all around. The tile wedge will be placed around the perimeter of the mm gap once clear silicone is applied to back & placed upright, against wall. The tile wedge will hold Bonethane™ in place (more about this in STEP 8)

STEP 4 INSTRUCTIONS AND INSTALLATION ON PREMIUM

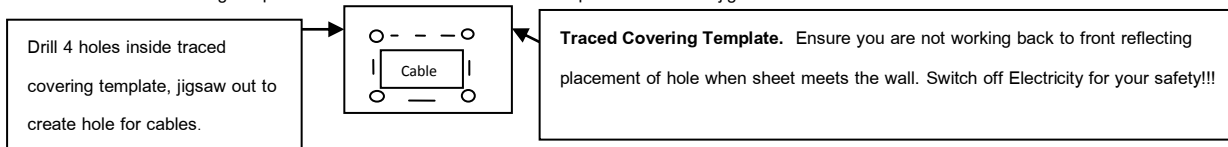
It is important to place Bonethane™ face down (masked side down) in preparation for cutting. The area for the preparation of cutting must be free of obstacles, on a solid flat surface, well ventilated & lit area. Ensure Bonethane™ sheet is secure in preparation for cutting. Ensure the base is free from any stones or items that could scratch the sheet. See KuttM8 cutting pad @ www.ispsinnovations.com.au

STEP 5

Cut splash back once perimeter & cut out(s) measurements are final, making sure, Bonethane™ is face down, (masked side down, coated side is facing you). **TIP** Lightly sand edges prior to placement, to conceal saw marks that can shadow when natural light peers through edge. This is apart of install process.

STEP 6

Power hole cut outs vary on the power switch. The cut out should not be greater than the covering plate. An electrician will also need to connect electricity if you have extra out lets. On the sheet trace around covering template. Drill four small holes with in the square cut out with jigsaw.



STEP 7

Add clear silicone to the coated side of Bonethane™ (this is the side that does not have protective film), first vertically from the top then horizontally creating a grid of squares around 10 to 15 cm width & length ways this creates a vacuum and suction allowing you to slide the sheet in place

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internet copy

STEP 8 Light sand edges prior to wall placement, to conceal saw marks that shadow when natural light peers through edge. This is apart of install process. After clear silicone grid process, mount Bonethane Premium™ onto wall, inserting cables through power hole cut outs adding covering plate, securing tile wedges around the 1 & 2ml allocated perimeter, leave tile wedges for approximately 2 hours. Clean surrounding areas free from saw dust particles. Peel off protective film from Bonethane Premium™ face, once installation is secure. Please refer to "Care Do's" for keeping Bonethane™ bright & beautiful.

STEP 9

Finally use silicone clear

non acidic to seal 2ml exposed joints & seal. Clear is always the safest choice, white is effective if you have a steady hand or you may seek the services of a professional. Follow instructions for silicone application when applying to edges, the product you choose should display instructions, make sure it is a water proof silicone used for kitchen & bathroom areas.

TIPS SILICONE: cut nozzle on and angle. Work upwards or forwards when applying silicone always remove excess silicone keeping neat straight line. If your faced with accidental spill mineral turps will help remove, then simply rinse with warm soapy water, rinse and wipe, **NO POLISHING!**

Warranty Guidelines

To achieve gloss finish from fine scratches, use a polishing compound that can polish plastic or brass or a non silicone car polish with no cleaning agents (specified in Care Don'ts) There are very good plastic buffing kits available. More about call 08 8381 8880 or visit www.ispsinnovations.com.au

Polishing Edges: Wet/ Dry sand paper. STEP 1 sand edge using 180 grit. STEP 2 Sand edge using 240 grit. STEP3 sand edge using 320 grit. STEP 4 sand edge using 400 grit.

Alternative is to Buff edges. Please read instructions for buffing edges VERY IMPORTANT for your SAFETY!

THE USE OF SAFETY GOGGLES ARE REQUIRED WHEN BUFFING SAWING & DRILLING.

7 Year Statutory Warranty, extended 2 year warranty on ordinary conditions when you register within two weeks of purchase see website.

BUFFING PREMIUM GRADE SHEET

Please read before commencing buffing. Important Information for your safety & radiating the appearance of Bonethane™. Bonethane™ can be buffed to remove fine scratches using a standard commercial buffing compound suitable for plastic, brass, silver, or a non silicone car polish (fine grade) that has no cleaning solvents. It is advised to use a woollen fibred or foam pad for the buffer. Bonethane™ should only be buffed to remove fine scratches. It is not advised to buff Bonethane™ on a regular basis as this will wear down any product.

BUFFING EDGES PREMIUM GRADE SHEET

Ensure Bonethane™ is secure when buffing, being extremely careful of the edges as the rotational pull can grab causing any number of mishaps. If buffing the edges, ensure Bonethane™ is held firmly. Apply small amount of compound to buffer, touch lightly against the edge of the spinning wheel ensuring NOT TO APPLY TOO MUCH PRESSURE. Moving lightly across up and down using light pressure to the edge of Bonethane™. Magically Bonethane™ will become clear. Too much compound will reduce the effectiveness of the cutting action because the surface will become too greasy and over lubricated. You should always apply compound to the buffing wheel not Bonethane™.

BUFFING FACE PREMIUM GRADE SHEET

Keep the buffing wheel moving across the sheet to prevent over heating of the Bonethane sheet apply moderate to medium pressure, when buffing the face of Bonethane™. Again apply compound to buffing wheel. The purpose of buffing Bonethane™ is to remove fine scratches or to polish edges for final finish not for continuous buffing.

STABILITY AND REACTIVITY: PREMIUM GRADE SHEET

Bonethane Premium™ is suitable for continuous service temp of 110°C. Bonethane™ stands out as an excellent choice for metal and glass replacement for service temperatures that do not exceed 110°C providing adequate distance is maintained. Do not butt up to gas cook tops. When cooking in a kitchen or outdoor area it is important not to leave area unattended. DO NOT USE BONETHANE PREMIUM BEHIND A BBQ OR INDUSTRIAL HEAT SOURCE.

Please post any warranty enquiries to PO BOX 339, Lonsdale SA 5160. Clearly display your name, address, receipt number, level of enquiry and contact phone number. Or email through our contact us screen @ www.ispsinnovations.com.au

For more information on Bonethane™ call 08 8381 8880 or check out our website www.ispsinnovations.com.au

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INSTRUCTIONS FOR IPA ACRYLIC 6mm SERIES & BONETHANE GN 5mm ACRYLIC GRADE

Please read this sheet in conjunction with the step by step guide for Bonethane PREMIUM.

The difference between the sheets vary to their cutting & heat ratios. **Which material do you have?**

Cutting IPA ACRYLIC

Do Not Confuse BONETHANE PREMIUM WITH IPA & GNTHEY CUT DIFFERENTLY!!!!

IPA & GN ranges between 90 and 110 degrees.

Bonethane Premium is 120 degrees C & very easy to cut.

IPA ACRYLIC & GN cuts must be planned cuts. Slow revolution for drilling so not to crack or split. Pilot hole either side of Acrylic sheeting prior to executing power holes or tap holes. This is a very delicate process. If in doubt call ISPS.

HOW TO CUT & DRILL IPA ACRYLIC & BonethaneGN. PLEASE READ INSTRUCTIONS CAREFULLY, IF YOU HAVE ANY CONCERNS PLEASE CONTACT 08 8381 8880 DURING BUSINESS HOURS OR AFTER HOURS MO 0424 877 084 BETWEEN 4.30PM AND 9PM, IF YOUR CALL GOES TO VOICE MAIL PLEASE LEAVE A MESSAGE & ONE OF OUR HELPFUL STAFF WILL CONTACT YOU.

PREPARATION

Ensure walls are water proofed prior to installation & cured. Area Of wall should be flat & smooth level & neutral in colour prior to installation.

DRILLING

Both sides of IPA ACRYLIC or Bonethane GN sheet being drilled should be firmly supported or use a Kuttm8 cutting pad (call ISPS for more information) or some sort of clamping device. This will minimize chipping. Drilling should be a slow revolution.

DRILL DESIGNS

If the proper drill, drill speed, & feed rate are being used, continuous spiral chips or ribbons will form. For larger diameter drills, slower rotating speeds will give the best results. Use soap and water to assist drilling for lubrication.

HOLE CUTTING

Use a sharp spade blade. First score one side at least 1-2 mm deep then turn sheet over and drill from other side. ALL BLADES SHOULD BE KEPT SHARP. BATTERY OPERATED TOOLS FULLY CHARGED.

WHEN DRILLING GN OR IPA RANGE USE SLOW REVOLUTION OF SPEED!!!!!!!!!!!!!!!!!!!! CUTTING WITH JIGSAW, FINE SHARP TEETH FOR CUTTING PLASTIC.

When using a Jigsaw to cut IPA ACRYLIC or Bonethane GN Acrylic all cuts should be planned & measured accurately. Fine sharp teeth blade to cut plastic. Kuttm8 cutting pad is the best support for cutting with a jigsaw. For more info visit website or call 08 8381 8880.

Jigsaws should be used for small diameter curves & for interior cuts in IPA & GN sheets. The blades are narrow and can be easily inserted through a drill hole. Saw cuts should be as close to the work as possible in order to create the perfect cut.

SLOW REVOLUTION OF SPEED WHEN DRILLING IN GN & IPA SHEETS ALWAYS PLAN CUTS.

Please see method of application for when applying silicone to back. You may follow standard instructions for installation on Bonethane but pay attention to the cutting requirements reflecting the sheet you have purchased. Bonethane Premium cuts very easy to that of any IPA ACRYLIC. IPA like all ACRYLICS require a little more care and patience to execute the process. Remember use a neutral cure clear silicone to mount to the wall. Assure that the wall is a neutral colour. APPLY IN GRID FORMAT 10 CM APART ON COATED SIDE, **NOT** THE MASKED SIDE. PLEASE SEE STEP BY STEP SHEET FOR FURTHER INFORMATION