



Reinvented for modern life.

www.ecoplastic.net



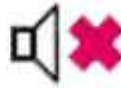
Welcome to **Eco Plastics** windows

Eco plastics offer a range of stylish energy efficient window systems to compliment your home, with a high-gloss finish, slim sightlines and the highest possible thermal and acoustic performance.



Energy efficient windows

All Eco Plastics window systems can achieve a WER A rating - the highest energy rating, making your home more efficient and save money on your heating bills.



Acoustic performance

Double glazing is well known for its ability to reduce outdoor noise levels and new windows manufactured from Eco Plastics profile can help bring down the noise levels in your home by as much as a half.



Low maintenance

Eco Plastics windows contain a unique compound that guarantees a smooth, high gloss finish meaning that your new windows retain their pristine appearance for years to come.



Quality and performance

Eco Plastics window systems have been tested in accordance with and meet the highest requirements of BS7412 for the standard of a manufactured window.



Enhanced security

Eco Plastics windows and doors are tested to the highest security standards giving you an added level of security to your home and family.



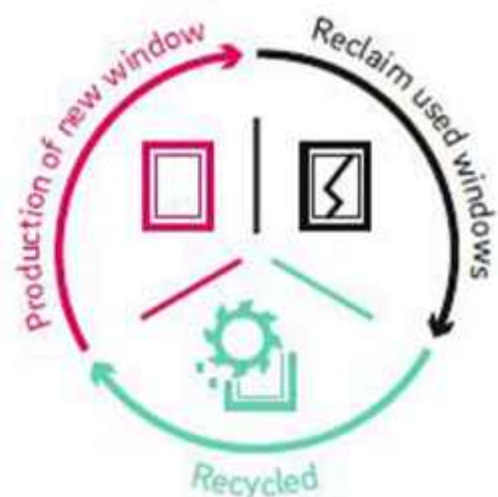
Weather performance

Independently tested
Eco Plastics windows and doors achieve the highest BSI ratings for wind, water and air protecting your home from the elements.

Excellent sustainability

As a manufacturer, we are conscious of the impact our actions have on people and the environment. The use of recycled materials is one of our strategic objectives.

By making our own processes more efficient and creating new opportunities for recycling, our aim is to make it as easy as possible for everyone to make the choice of using recycled products.



Engineering Progress.

At Eco Plastic we engineer progress and are dedicated to enhancing the lives of our customers throughout the Tanzania. Together we redefine what's possible every day as the world's leading company in polymer solutions and beyond.

SLIDING SET

- SLIDING SASH
- SLIDING MULLION FOR SASH
- MOSQUITOR HD
- MOSQUITO (BIG MOSQUITOR)
- SINGLE GLASS BEAD
- INTERLOCK
- DOUBLE GLASS BEAD
- 12.5 TRACK SLIDING FRAME

OPENING SET

- WINDOW FRAME
- FRAME
- T MULLION
- WINDOW SASH
- DOOR SASH
- DOOR PANEL
- SINGLE GLASS BEAD
- DOUBLE GLASS BEAD

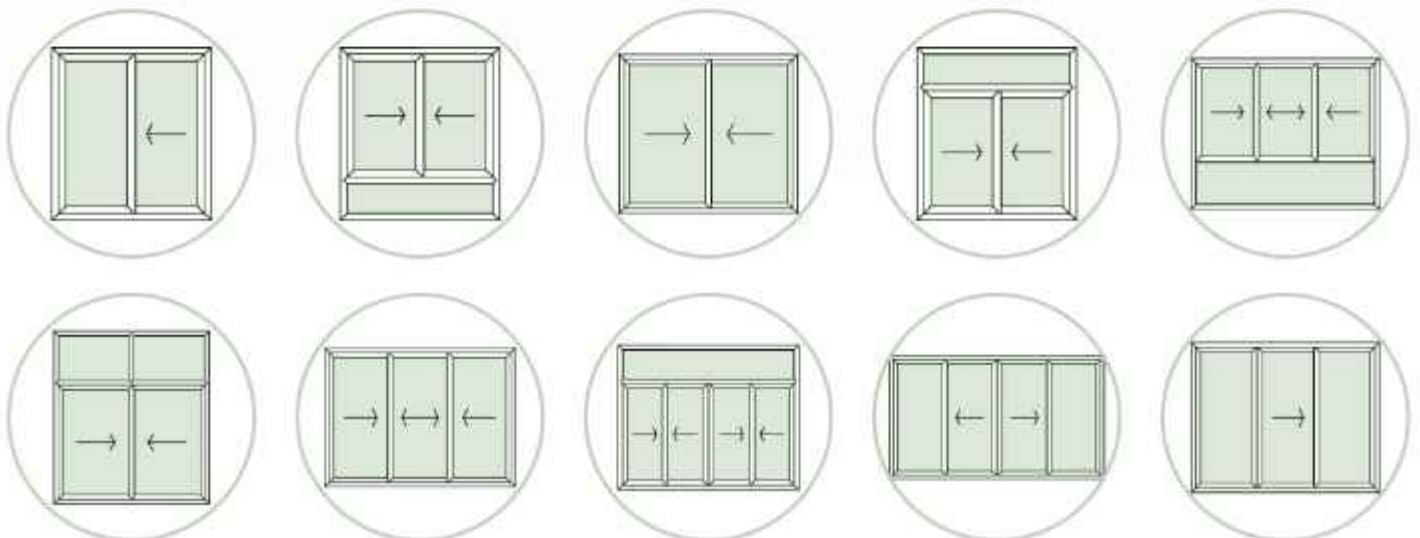




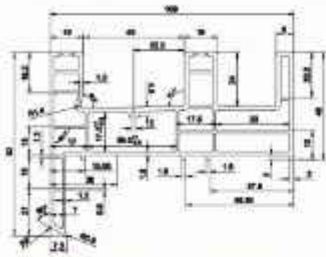


Our sliding windows have fusion welded frames and sash corners that add to the strength and security, and excludes rain water and air penetration.

SLIDING WINDOWS



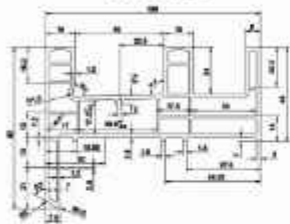
TECHNICAL SYSTEM 11 SLIDING SET



**11 TRACKING SLIDING
FRAME**



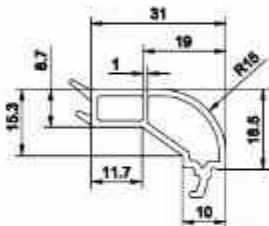
**73mm SLIDING
MULLION FOR SASH**



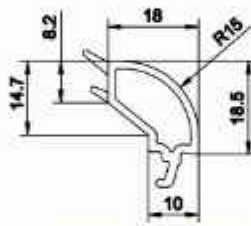
76mm SLIDING SASH



MOSQUITO



SINGLE GLASS BEAD | DOUBLE GLASS BEAD



INTERLOCK



APPLICATION SYSTEM 11 SLIDING SET



INSTRUCTIONS

The sliding mechanism can either go from left to right or vice-versa, depending upon the installation; and when the doors are placed upon their tracks, the sliders can either be placed at the top of the door or at the bottom. Sliding doors are installed parallel to the walls and generally have two panel sections, where one of the panel sections is fixed and the other is moveable.

Style your home with casement windows

Casement windows are the most popular style of replacement window in the Tanzania.

An extremely versatile window that offers both chamfered and sculptured options, and a range of colours that will suit all styles of home ensuring you can make a real statement.

Featuring fixed panes, top opening fanlights and side opening lights, casement windows can be combined to create an almost limitless range of styles.

With many additional features such as decorative glass, clip-on georgian bars and run-through sash horns, casement windows can be tailored to your specific requirements. With so much choice, you can be sure that your new windows will make your home complete.



Noise
reduction



Enhanced
security



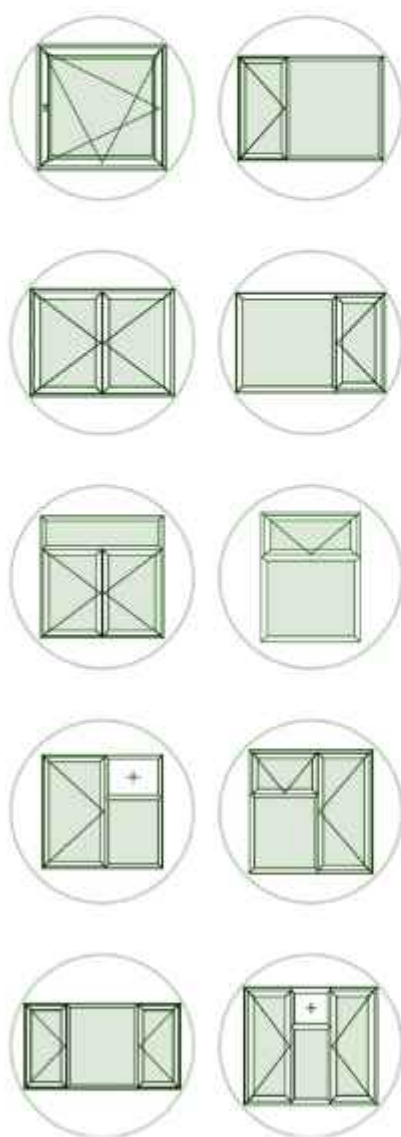
Low
maintenance



Energy
efficient



Weather
performance

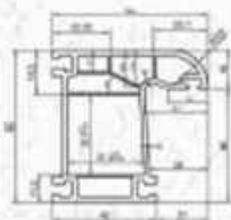


The classic European profiles offer unique design flexibility to enhance any architectural style and withstand the test of time. You can customise the casement window to be used individually or in combination with different styles such as Top Hung, Tilt & Turn and French windows.

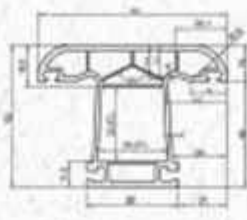
CASEMENT WINDOWS

TECHNICAL SYSTEM 11 OPEN SET

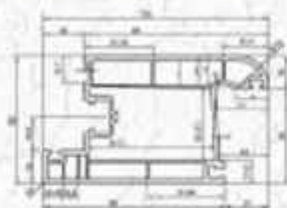
APPLICATION SYSTEM 11 OPEN SET



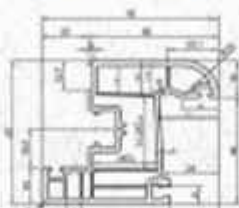
WINDOW FRAME



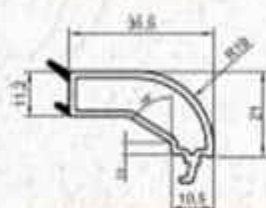
T MULLION



DOOR SASH



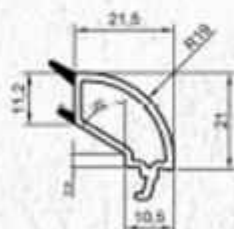
WINDOW SASH



SINGLE GLASS BEAD



DOOR PANEL



DOUBLE GLASS



INSTRUCTIONS

The sliding mechanism can either go from left to right or vice-versa, depending upon the installation; and when the doors are placed upon their tracks, the sliders can either be placed at the top of the door or at the bottom. Sliding doors are installed parallel to the walls and generally have two panel sections, where one of the panel sections is fixed and the other is moveable.



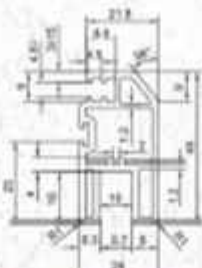
SLIDING DOORS

Brighten your home with endless natural light and the beauty of outdoors. The classic sightlines and ease of operation combined with several colour options allow the door to fit anywhere in your home.

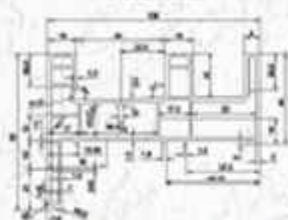
TECHNICAL SYSTEM 12.5



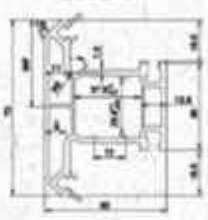
**12.5 TRACKING SLIDING
FRAME**



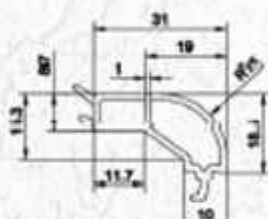
**12.5 MOSQUITO
SASH**



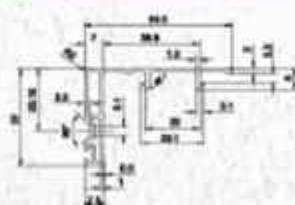
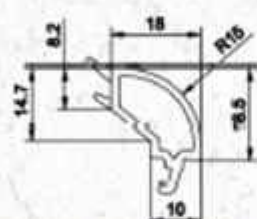
76mm SLIDING SASH



**73mm SLIDING
MULLION FOR SASH**



SINGLE GLAZING BEAD | DOUBLE GLAZING BEAD



INTERLOCK

DOOR & WINDOW SLIDING TECHNICAL SYSTEM 12.5



INSTRUCTIONS

Sliding windows/doors comprises of two or more than two horizontal sashes that are fitted with rollers at the base for smooth sideward track movement. Popular in terms of durability, sound insulation, thermal efficiency, and low maintenance, uPVC is one of the best materials for windows and doors. The design of a sliding door is crafted in such a way that it offers unhindered access and doesn't take up too much space. As the functioning of sliding doors is effortless and noiseless, the mechanism of sliding doors is also often referred to as the Silent System.



uPVC Plastic Recycling

If you are looking for a uPVC Plastic Recycling partner to help you with recycling uPVC windows and doors, then you have come to the right place. At Plastic Expert, we work with businesses and organizations across the Tanzania, helping them maintain their green credentials and become more energy efficient while at the same time disposing of unwanted and waste uPVC.

Plastic Expert provides uPVC Plastic Recycling (window and door frames) waste across the majority of the Tanzania, including major urban centres. We recycle hundreds of tonnes of uPVC every month, helping you to keep your plastic waste out of landfill. Our state-of-the-art recycling facilities can bulk recycle practically any uPVC product. We specialize not only in plastic window recycling but also that of other uPVC products, including conservatories.



UPVC SCRAP



UPVC PRODUCTS

DOOR

WINDOWS

CELLING BOARD

PVC ROOFING

GUTTERS

Eco Plastic Company core business is the manufacturing and distribution of uPVC pipes & Fittings. The full type of UPVC is Unplasticized polyvinyl chloride. It is an exceptionally solid, waterproof, protection from synthetic substances and profoundly tough material, that is utilized as an ideal decision for residential and commercial plumbing developments.

It is More diligently than PVC on the grounds that, while producing UPVC pipes, extra plasticizing polymers are not utilized. UPVC Pipes are Eco-friendly and chemical resistant, Lightweight and hassle-free, Long-lasting durability, & cost-effective in nature.

These pipes are made from odorless and tasteless materials and widely used to manufacture raising mains in tube wells and UPVC downpipes, drinking water supply, sewerage systems.



uPVC PIPES

Specifications And Sizes

OD IN MM		O V A L I T Y MM MAX	6.3 BAR			10BAR		
			SDR26			SDR17		
			Wall Thickness (MM)			Wall Thickness (MM)		
MIN	MAX		MIN	MAX	Avg Wt Kg/m	MIN	MAX	Avg Wt Kg/m
20	20.3	1.2	1.2	1.6	0.08	1.5	1.9	0.09
25	25.3	1.2	1.5	1.9	0.12	2	2.4	0.15
32	32.3	1.3	1.9	2.3	0.18	2.4	2.9	0.23
40	40.4	1.4	2	2.5	0.25	2.4	2.9	0.29
50	50.5	1.4	2.4	2.9	0.37	3	3.7	0.46
63	63.6	1.5	3	3.5	0.58	3.8	4.4	0.71
75	75.7	1.6	3.6	4.2	0.81	4.5	5.2	1.02
90	90.9	1.8	3.5	4.1	0.98	5.4	6.2	1.46
110	111.0	2.2	4.2	4.9	1.43	6.6	7.5	2.17
125	126.2	2.5	4.8	5.5	1.84	7.4	8.4	2.76
140	141.3	2.8	5.4	6.2	2.23	8.3	9.4	3.46
160	161.5	3.2	6.2	7.1	3.04	9.5	10.7	4.52
180	181.7	3.6	6.9	7.8	3.79	10.7	12.0	5.71
200	201.8	4.0	7.7	8.7	4.69	11.9	13.3	7.05
225	227.1	4.5	8.6	9.7	5.89	13.4	15.0	8.93
250	252.3	5.0	9.6	10.8	7.30	14.8	16.5	11.00
280	282.6	9.8	10.7	12.0	9.10	16.6	18.5	13.70
315	317.9	11.1	12.1	13.6	11.60	18.7	20.8	17.40
355	358.2	12.5	13.6	15.2	14.60	21.1	23.5	22.10
400	403.6	14.0	15.3	17.1	18.60	23.7	26.3	28.00

uPVC FITTINGS





Size
4" Inch
110 mm

Color
Blue & Gray

90° ELBOW (F/F)



Size
4" Inch

Color
Blue & Gray

VENT CAP



Size
4" Inch
110 mm

Color
Blue & Gray

45° ELBOW & (F/F)



Size
4" Inch
1 1/2" Inch
1 1/4" Inch

Color
Gray

PLUG



Size
4" Inch
1 1/2" Inch

Color
Blue

90° ELBOW DOOR & CAP



Size
110mm|100mm|90mm

Color
Blue & Gray

P - TRAP



Size
1 1/2"

Color
Blue & Gray

SOCKET



Size
4" Inch

Color
Blue

PIPE CLIP



Size
4" Inch
1 1/4" Inch
1 1/2" Inch

Color
Blue & Gray

TEE



Size
1 1/2" Inch

Color
Blue

45° ELBOW



Size
4" Inch

Color
Blue & Gray

TEE RUBBER DOOR & CAP



Size
4" Inch

Color
Blue & Gray

R BUSH

pvc GUTTERS AND FITTINGS

ADVANTAGE OF UPVC GUTTER FITTINGS

- * Suitable for all facade constructions and can be utilized for any roof and gutter types.
- * Easy, Quick, problem-free and safe installation with perfectly compatible fittings.
- * It has a system structure which enables problems-free intervention every time.
- * Functions perfectly even under hot and cold weather conditions.
- * Ensure 100% leak-proof with specially designed seals.
- * It can convey rain water even on very slight slopes.
- * It is resistant to corrosion, fading and stainless.
- * Has dimensional functionality and rich variety.
- * Have high rain water conveying capacity.
- * Produced using the latest technology.



Gutter Support Bracket



Gutter Pipe Clip



Gutter Tee Outlet



Gutter Stop End



Gutter Elbow 90°



Gutter Elbow 45°



Gutter Connector



Gutter Universal Angle



Down Pipe



Gutter Profile

What Is Rainwater Harvesting?

Rainwater harvesting is collecting the run-off from a structure or other impervious surface in order to store it for later use. Traditionally, this involves harvesting the rain from a roof. The rain will collect in gutters that channel the water into downspouts and then into some sort of storage vessel. The idea of rainwater harvesting usually conjures up images of an old farm cistern or thoughts of developing countries. The reality is that rainwater harvesting is becoming a viable alternative for supplying our households and businesses with water. There are many countries such as Germany and Australia where rainwater harvesting is a norm. Due to the green building movement, you will be seeing rainwater harvesting systems become more popular here in America. The collection of rainwater is known by many names throughout the world. It ranges from rainwater collection to rainwater harvesting to rainwater catchment. In addition, terms such as roofwater collection or rooftop water collection is also used in other countries. We believe that rainwater harvesting is a viable technology in an urban setting. All that is necessary to take advantage of this resource is to capture the free water falling on your roof and direct it to a rainwater storage tank. By doing this, you can take control of your water supply and replace all or at least a substantial portion of your water needs. Rainwater harvesting systems can be configured to supply your whole house and/or your landscape needs.

How Do I Create A Complete Rainwater Collection System ?



1. It all starts with your ROOF SURFACE. Almost all surfaces are ok for rainwater harvesting.
2. Your gutters should have some sort of GUTTER PROTECTION SCREENING in order to keep large debris from entering the gutters.
3. You can collect rainwater from any type or shape of GUTTER.
4. An additional filtration opportunity is with the installation of a RAIN HEAD (downspout filter) that allows for a bit of self-cleaning filtration options.
5. A FIRST-FLUSH DIVERTER helps to prevent the first flush of contaminated rainwater from entering the tank.
6. Another rainwater filtration opportunity is with a TANK SCREEN that is installed on the tank entry point. It also helps to keep mosquitoes and pests out.
7. RAINWATER TANKS come in all sorts of sizes and materials.
8. Install an INSECT PROOF FLAP VALVE on the end of the overflow pipe to keep mosquitoes out.
9. An AUTO-FILL SYSTEM can be installed to keep a minimum amount of water in the tank at all times. This is very important for rainwater tanks that are connected to automatic irrigation systems in order to prevent the pump from running dry.
10. Select a PUMP SYSTEM to provide pressurized rainwater to distribute the rainwater easier or to connect to an inground irrigation system.
11. Install an IRRIGATION FILTER inline after the pump in order to catch any large debris that may have gotten through the pump.
12. A WATER LEVEL INDICATOR can be helpful with monitoring the water usage from the tank. Those are available in simple gauge tank options along with wireless digital options.

What Are The Benefits Of Rainwater Collection?

- Rainwater is a relatively clean and absolutely free source of water
- You have total control over your water supply (ideal for cities with water restrictions)
- It is socially acceptable and environmentally responsible
- It promotes self-sufficiency and helps conserve water
- Rainwater is better for landscape plants and gardens because it is not chlorinated
- It reduces stormwater runoff from homes and businesses
- It can solve the drainage problems on your property while providing you with free water
- It uses simple technologies that are inexpensive and easy to maintain
- It can be used as a main source of water or as a back up source to wells and municipal water
- The system can be easily retrofitted to an existing structure or built during new home construction
- System are very flexible and can be modular in nature, allowing expansion, reconfiguration, or relocation, if necessary
- It can provide an excellent back-up source of water for emergencies



uPVC CEILING BOARD





SPC flooring stands for Stone Plastic Composite. Known for being 100% waterproof with unparalleled durability, these engineered luxury vinyl planks use advanced technologies to beautifully mimic natural wood and stone at a lower price point.

SPC Flooring.



Renovations or building today can run in huge amounts of money, and we have the perfect product that is both cost-wise and efficient-wise. Not only this, PVC Ceilings are preferred over many other products for many reasons.

ADVANTAGES OF uPVC CEILING BOARDS

- PVC ceiling panels are quick to install with no mess or fuss
- PVC ceiling panels are water proof and fire retardant
- PVC ceiling panels offer excellent insulation
- PVC ceiling panels are maintenance free
- PVC ceiling panels are easy to install
- PVC ceiling panels last for years

INSTALLATION INSTRUCTIONS

ECO uPVC Ceilings supplies our clients with detailed instructions for Plastic Ceiling Boards and PVC Ceiling Installation. For a quick and stress-free procedure, follow the instructions supplied to install your PVC Ceiling Panels.

BEFORE INSTALLATION

- Ensure that the same shade and batch is used in one area.
- The product needs to be checked prior to installation.
- No claims will be entertained after installation.
- PVC Ceilings and PVC Cornices cannot be exposed to direct sunlight as there are no UV stabilizers in this product.

INSTALLATION STEPS

- Maximum brading spacing is 500mm.
- Line brading up, level or horizontal.
- PVC Ceilings panels can be screwed onto wood or steel brading.
- Everyone should use PVC CEILING PANELS; unfortunately not many people are aware that there is an alternative product for decorating, bathrooms, kitchens, business premises.





PVC (or polyvinyl chloride, to use its full name) is a robust plastic that makes an excellent roofing material. The strong, stable plastic offers protection against UV, fire and water, and won't discolor in the sun. The single-ply roof is often used on commercial buildings with flat or slightly sloping roofs.

PVC ROOFING SHEET



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