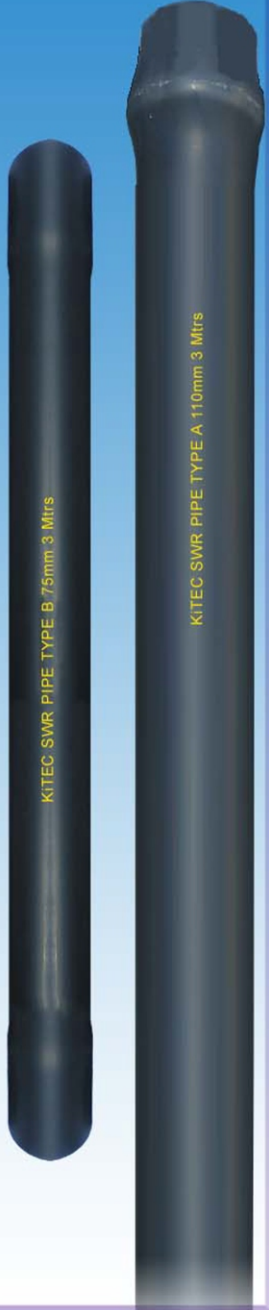


KiTEC SWR UPVC PIPES AND FITTINGS



SWR UPVC PIPES & FITTINGS IN JET BLACK COLOUR AVAILABLE FOR THE FIRST TIME FROM KiTEC

CARBON BLACK UV STABILIZED

**ENDURED LIFE & QUALITY
assured by KiTEC**

The Pioneer in Composite Pipe Technology



Rewriting the Standards

KiTEC INDUSTRIES (INDIA) PVT. LTD. is a world class innovative, customer oriented company with sound business values and ethics.

KiTEC is a well known brand in the construction industry for its quality and integrity. KiTEC SWR UPVC PIPES & FITTINGS in Jet Black color are in continuation to its philosophy of giving technologically superior products to the customer and value for his money.

KiTEC SWR UPVC BLACK pipe samples were subjected to UV Exposure by UVB 340 A lamps to short wavelengths in the region 365 nm to 295 nm for 300 Hrs with alternate exposure of 8 hrs & 4 hrs condensation cycle along with SWR UPVC samples of standard products from the market. The accelerated Weathering Test thus was done to check the effect of UV exposure and results are tabulated below :

Sr. No.	Test Parameter	KiTEC SWR UPVC BLACK Samples	Other Stanard SWR UPVC pipe samples collected from open market	Remarks
1	Colour comparison with original sample	No variation in colour or shade	Drastic variation in shade is observed	KiTEC Black UV resistant
2	Tensile strength at yield done for the samples before and after exposure	Change in the values is less than 5%	Change in the values is less than 15%	Mechanical property change is not observed in KiTEC Black due to UV exposure
3	Burst pressure Test at 60°C after exposure	Burst pressure = 8 to 8.8 kg/cm ² , Induced stress = 160 to 202 kg/cm ² , Nature of failure - Ductile	Burst Pressure = 6.4 to 8.8 /cm ² , Induced Stress = 122 to 202 kg/cm ² , Nature of failure - Brittle	The ductile failure indicates that Photodegradation of the Polymer matrix is not observed in the KiTEC Black due to UV exposure

ALL THE ABOVE TESTS WERE CONDUCTED IN KiTEC LABORATORY.

KiTEC SWR UPVC Pipes are presently available in 75 mm & 110 mm OD Sizes. The proposed range is from 50 mm to 200 mm. Additional sizes will be added shortly.

KiTEC SWR UPVC GREY PIPES are as per IS:13592-92 whereas KiTEC SWR UPVC BLACK PIPES are conforming to IS: 13592-92.

KiTEC SWR UPVC PIPES can easily and safely be used in all types of buildings for Waste water, Drainage and Rain water systems. As KiTEC SWR UPVC Pipes are UV Stabilized, they can be used for indoor as well as outdoor applications for the designed service life.

KiTEC SWR Fittings like Bend, Tee, Door Bend, Door Tee, Y-Piece, Door Y-Piece, Nahani Trap, P-Trap etc are also available in matching sizes of 75 mm & 110 mm OD in JET BLACK Colour. The ring fit type are supplied with rubber gaskets whereas self fit type fittings are joined with solvent cement.

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