

DTH PREFAB

CERTIFIED COMPANY

UPVC ROOFING SHEETS



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UPVC ROOFING SHEETS

- ▶ WE ARE MANUFACTURING UPVC ROOFING SHEETS WITH THE BRAND NAME OF **ROOF TOUCH**.



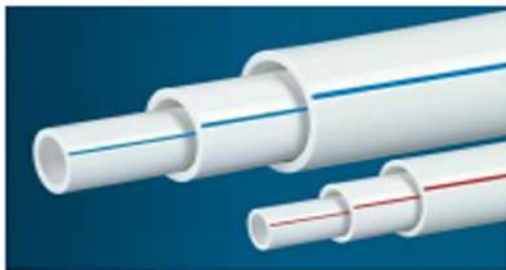
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WHAT IS UPVC ?

- ▶ UPVC IS BASICALLY A PLASTIC MATERIAL WHICH IS USED TO MAKE MANY PRODUCTS SUCH AS UPVC WINDOWS, UPVC PIPES AND FITTINGS, UPVC PROFIES AND ETC.

UPVC - UNPLASTICIZED POLYVINYL CHLORIDE



UPVC PRODUCT FEATURES

- ▶ RIGID AND DURABLE
- ▶ DOES NOT FLEX
- ▶ SAFE FOR TRANSPORTING DRINKING WATER
- ▶ FIRE RESISTANCE
- ▶ RECYCLABLE, ETC

**UPVC PRODUCTS ARE GETTING MORE AND MORE POPULAR
IN MARKET BECAUSE OF THIS FEATURES.**

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**ROOFTOUCH INTRODUCES INTERNATIONAL ADVANCE CO
EXTRUSION TECHNOLOGY AND APPLIES FIRST CLASS EQUIPMENT
TO PRODUCE MULTIPLE LAYERS UPVC ROOFING SHEETS TO
SATISFY MARKET REQUIREMENT.**



Annual reports 01/05/2012

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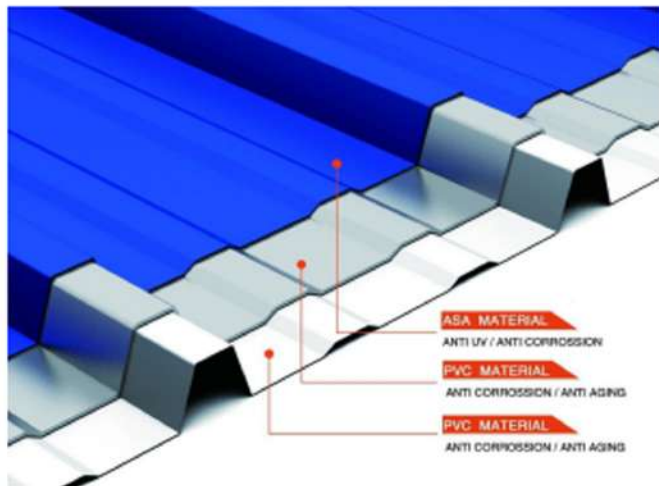
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UPVC ROOF SHEETS BELONGS TO MULTIPLE LAYERS SHEETS

- ▶ IT IS MADE OF PVC (POLYVINYL CHLORIDE) AND A SMALL AMOUNT OF OTHER VERY GOOD EXTERIOR RAW MATERIAL LIKE ASA THROUGH ADVANCE EQUIPMENT WITH CO EXTRUSION TECHNOLOGY PROCESSING.



- ▶ SPECIAL PRODUCTION TECHNOLOGY ALLOWS TO ENSURE ON ADDITIONAL MARGIN OF SAFETY RESISTANCE TO TEMPERATURE CHANGES AND PROTECT FROM ULTRAVIOLET RADIATION.

UPVC CHARACTERISTICS AND ADVANTAGES

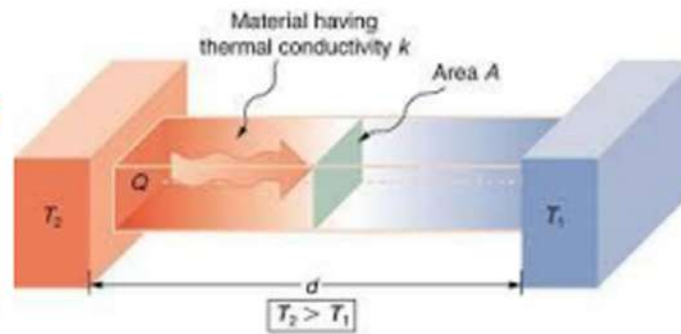
- ▶ Resin material on surface is ASA make it **Anti aging and Color stable**.
- ▶ It resist chemical corrosion of most acid, alkalis, and salt hence it is **chemical resistant** material.



UPVC CHARACTERISTICS AND ADVANTAGES

► The coefficient of **heat conductivity** of UPVC roof tile is around **0.325 W/m k** which is

1. 1/3 of clay tile
2. 1/5 of 10 mm thick cement tile
3. 1/2000 of 0.5 mm color coated steel tile



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UPVC CHARACTERISTICS AND ADVANTAGES

- ▶ UPVC sheets absorbs noise three times than metal sheets hence it is **sound insulation**



- ▶ UPVC sheets does not conduct electricity hence it is **electrical insulation**



UPVC CHARACTERISTICS AND ADVANTAGES

- ▶ UPVC sheets has bi-direction tension performance on the geometric shape. So it has very good **impact strength** as it is required as a roofing sheet.



UPVC CHARACTERISTICS AND ADVANTAGES

- ▶ UPVC roofing sheets does not catch fire. It is categorized in Fire test V0. So it is a **fire proof** material.



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UPVC CHARACTERISTICS AND ADVANTAGES

- ▶ UPVC roof sheets has **light weight**. So, it is easy to handle during installation.
- ▶ UPVC material can be **recycled**. So it is friendly to the environment.
- ▶ It is flexible material, so can do Arch type roof without crimping.
- ▶ It is completely **rust proof** material, so can say 100% water proof material.

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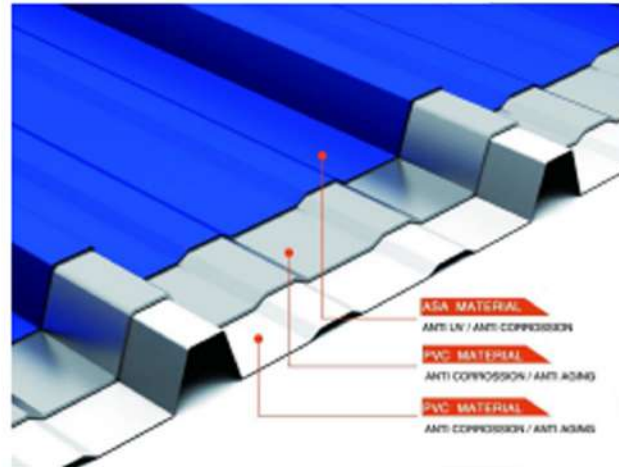
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WHY DTH PREFAB SHEETS?

- ▶ **IN 3 LAYER UPVC roofing sheets,**
- 1. **Top layer** is of anti UV layer which has very good optical properties.
- 2. **Middle layer** contains multi foam giving to the material light weight and improve sound and thermal insulation properties.
- 3. **Bottom layer** is just for good material toughness special to ensure the strength at the same time, increase the rigidity and light illumination.



APPLICATIONS

- ▶ UPVC roofing sheets are mainly used in roofing and wall claddings for industrial and commercial buildings like factory, ware house, parking zone, etc.
- ▶ Due to the features of anti corrosion, they are best recommended to the areas with high humidity and chemical vapor such as chemical factories, food factories, pharmaceutical companies.
- ▶ We can use it in sea coastal areas where there are heavy chances of corrosion in metal sheets.
- ▶ UPVC roof sheets, as better alternative of metal sheet are being widely used.

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PRODUCT PROFILE

- ▶ Roof touch sheet profile has width of **1.13 meter**, after overlapping, **the usable width will be 1.05 meter**.
- ▶ Length in standard size is available in **8 ft., 10 ft., 12 ft., and 20 ft.**
- ▶ Length **can be customize** as per customer requirement in project work.
- ▶ Thickness is available in **2 mm, 2.5 mm and 3 mm** and can **make customize thickness up to 3.5 mm** as per customer requirement

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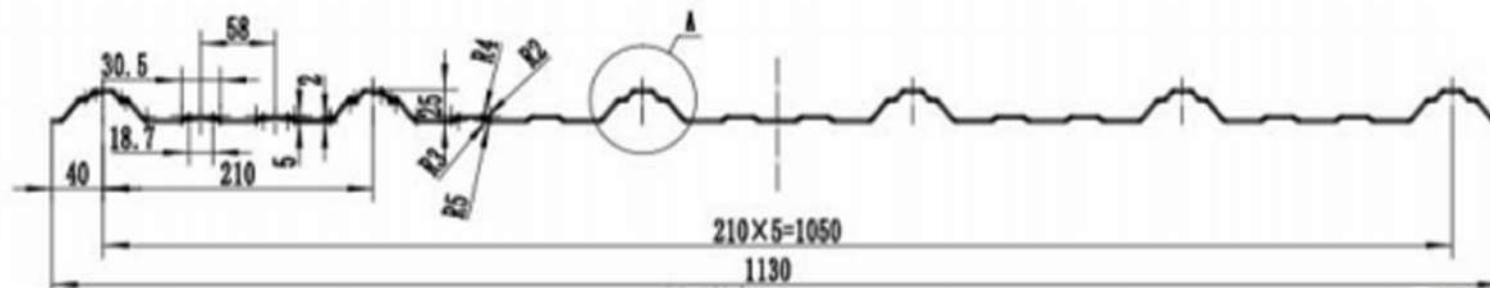
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PRODUCT PROFILE

- The roof touch product profile in dimension is as under.



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PRODUCT PROFILE

- ▶ Roof touch UPVC Roof sheet is available in 5 different colors like **TERACOTTA, BLUE, WHITE, GREY AND GREEN.**



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ACCESSORIES

► We are giving all accessories along with ROOF TOUCH UPVC Roof sheet like

1. **UPVC V RIDGE**
2. **UPVC EVE FLASHING**
3. **UPVC VERTICLE L CORNERS**
4. **UPVC PLAIN V RIDGE**
5. **FIXER CAP SET WITH RUBBER O RING**
6. **SELF DRILLING SCREW WITH XYLON COATED**
7. **ALUMINIUM TURBO VENTILATOR WITH PC BASE**
8. **LOUVERS FOR VERTICLE WALL, ETC**

ACCESSORIES

► UPVC V RIDGE

- We have standard size of **275x275x1130 mm** of V ridge



► UPVC EVE FLASHING

- We have standard size of **164.5x275.5x1130 mm** of Eve flashing



ACCESSORIES

► UPVC VERTICLE L CORNERS

It is available in
110x110x1050 mm as shown
in figure. Also we can see, how
to fix the corner.



ACCESSORIES

► UPVC PLAIN V RIDGE

UPVC Plain V Ridge is
available in
300x300x1200 mm



► LOUVERS FOR VERTICLE WALL



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ACCESSORIES

► **FIXER CAP SET WITH
RUBBER O RING**

- It is available with all colors as per UPVC sheet



► **SELF DRILLING SCREW
WITH XYLON COATED**



ACCESSORIES

► ALUMINIUM TURBO VENTILATOR WITH PC BASE



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WEIGHT OF DTH PREFAB UPVC ROOF SHEET

► Roof Touch UPVC Roof sheet has different weights depends on their standard thicknesses on unit volume which is as follows,

1. **2.0 mm = 3.5 Kg/Square meter**
2. **2.5 mm = 4.3 Kg/Square meter**
3. **3.0 mm = 5.0 kg/Square meter**

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THANKS

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