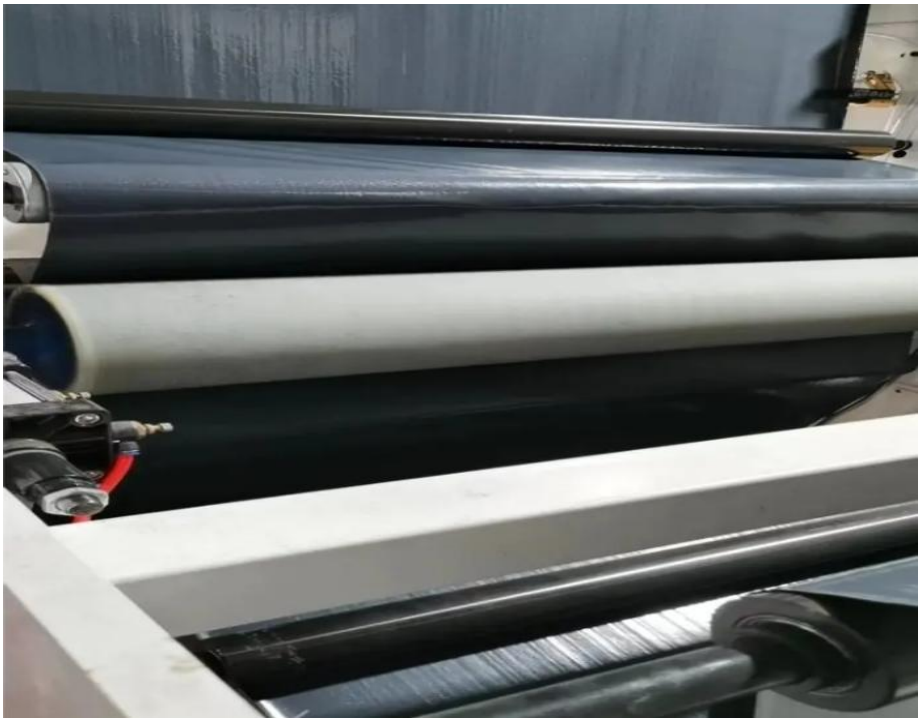
ZX-FS-07

TPU waterproofing membrane

General

TPU waterproofing membrane ZX-FS-07 is based on the high molecular material EVA and coated with an environmentally friendly non-asphalt-based self-adhesive layer on the surface. There is no solvent evaporation, which meets the requirements of green construction. The self-adhesive layer has strong adhesion and excellent aging resistance. The surface layer adopts metal aluminum foil or diffuse reflective materials to reflect ultraviolet rays and lower the roof temperature, solving the problem of high-temperature rusting of color steel tiles. The actual measured high-temperature resistance reaches over 100℃. Resistant to acid, alkali and industrial environment corrosion, it can extend the service life of color steel sheets.



Composition

EVA

Product properties

Form	Roll
Core materials	TPU
Use	Waterproofing and corrosion protection
Colour	Blue gray
Temperature	Normal temperature
Thickness	1.2mm
Flexure strength	200MPa
Tensile strength	90MPa
Compressive strength	180MPa
Watertightness	Waterproof
Tear strength	85
Elongation at break	65

Application

TPU waterproofing membrane ZX-FS-07 material characteristics

1. Water-resistant and pressure-resistant
2. Wear-resistant and trampling resistant
3. Strong self-adhesive
4. Portable and easy to install

5. No need for fire roasting
6. No rubber brush required




TPU waterproofing membrane ZX-FS-07 applicable scene

Color steel tile metal roof： Designed specifically to address rust and joint leakage, it is suitable for roof renovation of factories and warehouses.

Special environment： Engineering projects in places where open flames are prohibited, such as chemical plants and textile factories.

Compared with traditional materials

Speciality	TPU waterproofing membraneZX-F-S07	SBS modified bitumen membrane
Environmental protection	No asphalt evaporation and non-toxic	Asphalt and releases harmful gases at high temperatures
Ageing resistance	The aluminum foil surface layer is UV-resistant.long life	Prone to cracking when exposed.Protective layer required
Construction risk	Cold applied.No fire hazard	Hot-melt.High fire risk