



Partner with Tectevo to bring disruptive solutions, energy saving, and carbon neutrality in manufacturing. Increase sustainability and green solution for the market.

High Gloss Coating, ultraviolet (UV) stable, resilient coatings.

TEVO HPU-13 is a water-based polyurethane two pack system coating. Part A is mixed in Part B at 1:0.25 weight ratios. After mixing the polyurethane dispersion has 30 minutes open time. Coating could be applied with a brush on metal, ceramic, marble tile, concrete floor, epoxy floor, and on wood. Thin coat of 10-120 microns is good enough and it dries in couple hours, and it produces excellent gloss, durability, scratch resistance, and heel tolerance.

Attributes:

- It gives protection and an exceptional shine to the surface.
- It helps
- to increase surface tack and that is good to reduce the risk of slip and fall!
- It is a versatile coating: can be applied on metal, wood, concrete, and ceramic tiles.
- It is a low odor, and a fast curing.
- It forms a clear and high gloss coat.
- The coating on drying is resistant to household chemical spill and to stains.
- It is also a UV stable and therefore, it is suitable for the interior and exterior applications.
- It could be applied with a roller, sprayer, and a brush. It increases the coefficient of friction (CoF) of the tiles and helped to prevent hydroplaning.

Features:

- It is polyisocyanic acid based.
- It can be dispersed and mixed with gentle mechanical mixture.
- It is a stable dispersion in water.
- It has an excellent mechanical property and chemical resistance.

The information given in this TDS are the best available information and for any difference in the behavior at your site is fully dependent on your applications.



Partner with Tectevo to bring disruptive solutions, energy saving, and carbon neutrality in manufacturing. Increase sustainability and green solution for the market.

- The quality of the film is independent to the climate conditions.
- Tools used for the coatings are easy to be cleaned with water.
- Coating has an excellent glossy appearance, and it helps against slip and fall and highly recommended in the bath rooms.

Table presents the properties of TEVO HPU-13WF.

Quality Index	Indexes
Appearance	No Lumps after mixing, milky
Density, g/cm ³	1.42
Viscosity m. Pa.	400
Adhesion Pull method Mpa	2
Theoretical uses, kg/cm ²	200-250
Theoretical dry film thickness, microns	100-150
Ratio, weight ratio	coatings, 10:1
Application period, hr	1
Drying time in 25C	4
Painting method	Roller, Brush, and spray
Painting interval 25	16 hrs. to 2 days.

The above table confirms a viscosity 400 cP, and once it is applied, the coating adhesion is 2 MPa and its excellent adhesion and it covers from 200 to 250 microns thick, 1 kg can coat between 200 to 250 cm². The open time is 1 hour, and drying time could vary, and it could range between 4 to 24 hours. It on coating increases the friction and can be used to prevent slip and a fall. It is a best choice for a clear coat and available for a use on the multiple surfaces.

Surface Treatment Requirements:

The information given in this TDS are the best available information and for any difference in the behavior at your site is fully dependent on your applications.



Partner with Tectevo to bring disruptive solutions, energy saving, and carbon neutrality in manufacturing. Increase sustainability and green solution for the market.

- The surface should be free from oil stains, and water stains.
- Sandblasting and rust removal to Sa 2.5 or St 3 and painting within 5 hrs.
- The cement must be clean and free from oil stains.
- Use water base primer before coating TEVO HPU-13WF.

Painting Process:

- Apply paint at climate conditions 10–35-degree C.
- The relative humidity should be less than 80%.
- The surface temperature should not be more than 3 degree C then the dew point.
- Store below 25 C for six months.
- The product under EU 67/548/-1999/45/EC is not classified as dangerous.
- Storage below zero degree is prohibited.

Precautions:

- The product is two component system, Part A is a water-based resin and B is a hardener or initiator.
- Before coating is dried avoid rain, or other liquid contamination.

Applications Conditions and Requirement:

- Apply early part of the day.
- Avoid a too muggy day.
- Ensure the wind and rain is not forecasted.
- Give 6 hrs., to the application before rain falls.

Maintenance:

- After application wash and clean the surface from dust for the maximum positive results.
- Inspect every quarter for the cracks.

The information given in this TDS are the best available information and for any difference in the behavior at your site is fully dependent on your applications.



Partner with Tectevo to bring disruptive solutions, energy saving, and carbon neutrality in manufacturing. Increase sustainability and green solution for the market.

- Call Tectevo and share the photos or videos for any abnormalities.

Storage Requirement.

- Keep in cool conditions 10-to-30-degree C.
- Mix before use.
- Ensure nothing settled or form grit.

Warranty:

When the work was done right as written or done Tevo team, it is covered for any leaks for 3 years.

TECTEVO

The information given in this TDS are the best available information and for any difference in the behavior at your site is fully dependent on your applications.