

INDUSTRIAL FLOUR F-1

Filler / Extender

INDUSTRIAL FLOUR F-1 used as an economical filler or extender, partially or fully used in phenolic glue formulation. It is an organic substance with user-friendly concept where it does not cause any kind of skin irritation for human beings and environmental friendly. It is an economical filler or extender.

- ✓ **Reduce glue formulation cost**
- ✓ **As a partially substitute to wheat flour**
- ✓ **Safe and non toxic**
- ✓ **Economical filler**

APPLICATION

As a filler or extender in glue formulation.

STORAGE

Store in dry and well ventilated place. Protect from sunlight.

PACKAGING

25kg/bag

SPECIFICATIONS

Physical State	Solid
Appearance	Powder
Solubility	Partially soluble in water
Moisture Content	Maximum 13%
Protein Content	> 14%
Colour	Dark Brown / Brown

Colour Advantages:

Thanks to the original colour of this filler, F-1 has natural dark brown / brown colour and used as colourant for glue, the visible colour of F-1 will make production control at glue spreader section easier to prevent the unevenness of glue volume.

Application point:

This flour can be use to replace wheat flour from 25%-100% depend on glue type and formulation.

Usage:

- (i) For MUF/UF/LFE: Can replace 25-50% of wheat flour.
- (ii) PF: Can replace 50-100% wheat flour.

Example: In original formulation, if wheat flour is using 100kg, for 25% replacement, which is 75kg Wheat Flour + 25kg F-1. If pre-bonding is ok, than can try to increase the replacement.