



润鼎铝模
AL-FORMWORK

Demoulding Agent



Classification -Demolding Agent



Water-base Demolding Agent



Oily Demolding Agent

In consideration of surface treatment of Aluminum formwork, Oily demolding agent suit to be used to the Al-formwork surface with oxidation treatment, isolation treatment or powder painting. **RD Al-formwork** surface is *mill finished*, we introduce the **Water-base Demolding Agent** for you in detail.

Introduction - *Water-base Demolding Agent*

RD suggest that customer to use High-effective demolding agent for construction aluminum formwork products. This demolding agent product without pungent smell, stability, un-inflammable and un-explosive, no affect the environment and no harm for people.

It forms a good coating film on the Al-formwork surface and have an excellent cohesive force with Al-formwork. Agent's adhesion won't be broken by pressure and impact force of concrete. Easy to use, it help the Al-formwork to be separated from the concrete and the cements wouldn't easy to leave on Al-formwork, then the concrete surface is more smooth with good looks.

Largely reduce the cleaning labor and decrease hours of re-polished working, saving the construction time cost. In the meantime, it is effective to extend the using age of Al-formwork and there is no thin film residual on the Al-formwork surface after cleaning by water.



Main Specification - *Water-base Demolding Agent*



1. Exterior: Uniform liquid with ivory-white or light yellow
2. Content: 99%
3. PH value: 7~8
4. Density: 0.97 g/m³
5. Stability: The original solution and the aqueous solution after dilution could be kept stable for a long time.

Usable Method - *Usage Flow*

Cleaning up the dirt of Al-formwork



Sweeping the water-base demolding agent



Drying

(Drying time could be adjustable base on situation of construction site)



Concrete casting



Motionless

(Wait for concrete solidification)



Dismantle Al-formwork



Usable Method - *Dilution Rate and Require*

Suggestion dilution rate 1:1 e.g. 1 kilogram demolding agent add 1 kilogram of water to fully dilution. It is necessary to testing the demolding agent and adjust it at worksite. The dilution rate must base on the effective of reality using and considerate the cost.

It must be stir while diluting the agent, will be used after finished fully dissolution. Otherwise, it will affect the demolding effective.



Usable Method - *Attentions*

Brushing agents in uniformity, omit to paint is not allow, film thickness should be 30-50 μm . Please re-brush if broken the films unintended before the demolding agent form to film coating during sweeping the agent. Otherwise, it will influence the effective of dismantle the Al-formwork.

Avoid to use demolding agent in cold weather and please cover the al-formwork when heavy rainy. The demolding agent with lubrication, be careful when constructing and prevention slipped to fall because of leakage.



Storage - *Attentions*

1. Standard packing is 50 kg/ plastic bucket (± 1 kg of wastage) The material of packing container and size as requirement.)
2. Demolding agent must avoid to strongly sun exposure and extremely cold, with 1 year of quality guarantee period in normal temperature.
3. Try to finish the demolding agent promptly which have already dilution. Please confirm the dilution agent with good covers if they didn't be finished, so that the dilution demolding agent could be avoid to pollution. (If stop to use for a long time, please seal them up.)



Effective Concrete Surface





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Thanks for reading