

ProMold Aluminum Formwork

Aluminum Formworks vs Timber Formworks vs Steel Formworks

The Aluminum Formworks, Timber Formworks and Steel Formworks are commonly used in construction sites. The reason why Program develops Aluminum Formworks is that it can widely benefit the contractors and customers.

| Formworks Examples |  |  |  |
|-----------------------------|--|--|---|
| Characteristics | Aluminum Formworks | Timber Formworks | Steel Formworks |
| Overall Costs | <ul style="list-style-type: none"> The unit cost is low The overall cost is low The real-time investment is high  | High | <ul style="list-style-type: none"> The unit cost is low The overall cost is low The real-time investment is high  |
| Quality and processing | <ul style="list-style-type: none"> Light Easy to transport, storage, disassemble and clean  | <ul style="list-style-type: none"> Lightest Difficult to clean Easy to transport, storage and move | <ul style="list-style-type: none"> Heavy Easy to clean Difficult to transport, storage and disassemble |
| Recycle | Can be recycled over 300 times  | Can be recycled in about 10 times | Can be recycled over 40 times  |
| Shape elasticity | <ul style="list-style-type: none"> The shape elasticity is low Can combine with other types of formworks | <ul style="list-style-type: none"> The shape elasticity is high  | <ul style="list-style-type: none"> The shape elasticity is low Can combine with other types of formworks |
| Carrying capacity | <ul style="list-style-type: none"> Strength Carrying capacity is high  | <ul style="list-style-type: none"> Easy to bend Carrying capacity is low | <ul style="list-style-type: none"> Most Strength Carrying capacity is the highest  |
| Construction Time and usage | <ul style="list-style-type: none"> Easy to use Simple assembly procedures The construction time is the shortest  | <ul style="list-style-type: none"> The construction time is long Complex assembly procedures | <ul style="list-style-type: none"> Use heavy machinery during assemble The construction time is longer than that of the Aluminum Formworks |
| Post-processing | None  | Need to remove the saw dusts after dismantling | None  |