

# EXTERIOR PLYWOOD COATED WITH PLASTIC

## PRODUCT DESCRIPTION

Shuttering plywood coated with plastic (e.g. on the basis of polypropylene). Plywood is composed from thin layers of wood veneer that are glued together with adjacent layers having their wood grain rotated up to 90 degrees to one another. Exterior plywood coated with an outer layer of plastic instead of phenolic film, which ensures several times greater durability, weather and abrasion resistance. The term 'waterproof' refers to a glue joint which is resistant to water influence while the wood is higroscopic and can swelling and shrinking.

## AREAS OF USE

- architectural concrete formwork
- multi-use formworks (up to 2-3 times better performance compared to plywood covered with phenolic film)
- production of means of transport

## RAW MATERIALS USED FOR PRODUCTION

- hardwood (birch, alder)
- water resistant glue based on phenol-formaldehyde resin
- plastic
  - glossy or mat finishing
  - thickness 1,2-1,6 mm other agreed with Customer
  - color: grey or other, subject to prior agreement with the Customer

## PROTECTION OF EDGES

acrylic water-based paint, color to be agreed with the Customer

## STANDARD FORMATS

1500 x 2500/2700/3000/3300 mm  
other formats subject to prior agreement with the Customer

## THICKNESS

12-40 mm or other agreed with Customer

## DIMENSION TOLERANCE

according to PN-EN 315 or other, subject to prior agreement with the Customer

## TECHNICAL CHARACTERISTICS

- density: 700-850 [kg/m<sup>3</sup>]
- moisture content: 3-12 [%]
- bonding quality according to PN-EN 314-2 class 3

## ADDITIONAL SERVICES

- CNC-maschining
- protection from bio-corrosion by applying fungicide gluing substance cutting to smaller formats
- protecting the edges by applying aluminum (or other material) fittings

