

# EXTERIOR PLYWOOD COATED WITH PHENOLIC FILM, BOTH SIDES SMOOTH

## PRODUCT DESCRIPTION

Exterior plywood coated with phenolic film (so-called shuttering plywood) has wide application properties, e.g. in construction as an element of shuttering systems. 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 is covered on both sides with phenolic film which protects the surface from moisture as well as ensures higher durability. The term 'waterproof' refers to a glue joint which is resistant to water influence while the wood is hygroscopic and can swelling and shrinking.

## AREAS OF USE

- multi-use formwork built directly on construction site
- modular formwork systems
- means of transport

## RAW MATERIALS USED FOR PRODUCTION

- hardwood (birch, alder), softwood (spruce, pine)
- water resistant glue based on phenol-formaldehyde resin
- phenolic film (density: 120-220 g/m<sup>2</sup> or other, subject to prior agreement with the Customer)
- color: non-transparent dark brown or other, agreed with the Customer

## PROTECTION OF EDGES

acrylic water-based paint, color brown or other agreed with the Customer

## STANDARD FORMATS

1550 x 1550/2250/2500/2700/3000/3300 mm and other formats subject to prior agreement with the Customer

## THICKNESS

9-40 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: 600-800 [kg/m<sup>3</sup>]
- moisture content: 4-12 [%]
- bonding quality according to PN-EN 314-2 class 3
- formaldehyde emission class: E1 according to PN-EN 636

## ADDITIONAL SERVICES

- CNC-maschining
- protection from bio-corrosion by applying fungicide gluing substance
- cutting to smaller formats
- printing Customer's logotype on phenolic film

