

AQUADUR CPX

COATING FOR MOULDS AND CORES

DESCRIPTION

AQUADUR CPX is a water based coating with high carbon content and its characteristic is a high refractoriness.

Approximate composition: \approx 55 % refractory filling (carbon, Al - silicates)
 \approx 2 % organic binder (polysaharides)
 \approx 43 % water

The coating is particularly useful for coating cores and moulds, binded with furan and phenolic resins, gray iron castings, ductile and malleable iron castings and also for non-ferrous alloys.

ACTION

AQUADUR CPX creates hard compact layers, insensitive to thermoshock. During the casting procedure releases only a small amount of gas and does not crack.

Coating is delivered in paste form, and has to be dilluted with water before use:

0 - 10 % addition of water for application by brush
15 - 25 % addition of water for diving
20 - 30 % addition of water for drenching

The coating can be dried in air or in drying furnaces at temperatures from 80 to 150°C.

PACKAGING

AQUADUR CPX is packed in plastic buckets at 25 kg each (16 x 25 kg = 400 kg per pallet).

SKLADIŠČENJE IN TRANSPORT

AQUADUR CPX must be stored in covered stores at 2 to 30°C. If it is stored outdoors in summer, a bacterial fermentation can occur. Care must be taken that it does not freeze.

According to European agreement for international road transport of dangerous goods, **AQUADUR CPX** is not a dangerous substance.

PROPERTIES

Viscosity after addition of 25% water	15 s min 4 DIN 53211
Dry matter content	55 - 57 %