

## Technical Data Sheet

# Hranicoll D3 smart

### PVAc D3 adhesive with high heat resistance

<b>Characteristics</b>	For all bonding purposes requiring increased resistance to wet environments, e. g. for doors, windows and furniture in high-humidity areas. General-purpose adhesive for soft and hardwood bonding, as well as for particleboard and other wood-based substrates, for high frequency bonding, also for laying parquet and laminate (tongue-and-groove) flooring and for veneering purposes.	
<b>Basis</b>	Polyvinylacetate (PVAc)	
<b>Application</b>	For all standard applicator systems. Reactive PVAc dispersions may undergo an increase in viscosity during the storage period, due to their components. Higher temperatures contribute to this increase in viscosity. The product should therefore be stirred before use. <b>Avoid contact with alkaline substrates or with iron, tanniferous wood may discolour.</b>	
<b>Technical data:</b>	colour:	white
	form:	liquid
	non-volatile content in %:	46 +/- 1
	medial particle size:	approx: 1 - 3 µm
	protective colloid:	polyvinyl alcohol
	viscosity in mPas:	9000 +/- 1500 possible
	pH:	4,5 +/- 0,5
	open time:	12 - 15 min
	appearance of the dry glue film:	milky transparent
	surface:	dry
	elongation at break:	slightly elastic
	working temperature:	15 to 25 °C
	permission:	BfR XIV and XXXVI FDA "21 CFR 175.105" adhesives
	Hranicoll D3 Smart corresponds to the classification of thermoplastic wood adhesives after water resistance (DIN EN 204) D3.	

**Storage:** The unopened glue has a minimum shelf life of 6 months for the dispatch date, provided the product is stored hygienically at temperatures from 5 to 35°C, avoiding frost and direct sunlight. Furthermore, get ensured that already opened packagings are always tightly closed.

Removing any skins or lumps that could have been formed during longer storage of the glue due to its film forming nature a filtration or sieve process is recommendable before further processing.

**Packaging:** IBC container 1100 kg, bucket 20 kg

**Remarks:** For further information concerning handling, transport and disposal, please refer to the Safety Data sheet. The information given in this leaflet represents neither a performance guarantee nor a guarantee of properties, nature, condition, state or quality. No liability may be derived from these indications nor from the recommendations made by our free technical advisory service. It is necessary to perform your own test.