

BG HITCOAT® 200 - thermal and corrosion resistant ceramic coating with operating temperatures up to 220°C in aggressive environments. It yields very good thermal stability and chemical & abrasion resistance against most chemicals (acids, alkalis, solvents) due to its extremely dense polymer structure and optimal fillers' selection. It ensures smooth surface preventing deposits' settling.

BG HITCOAT® 200 PROVIDES

- ⇒ Extended serviceable life of construction & technological parts
- ⇒ Effective corrosion protection of metallic surfaces
- ⇒ Preventing undesirable deposits
- ⇒ Smooth surface decreasing flow resistance
- ⇒ Energy savings for pumping



Property	Unit	Value
Tensile Strength / E-Modulus tens.	MPa	80 / 4,450
Flexural Strength / E-Modulus flex.	MPa	150 / 4,450
Hardness (Barcol)	-	41
Elongation max.	%	2.9
Temperature Resistance	°C	220
Theor. spreading rate for 200 µm of dry coating (Substr. metal / ceramics)	sqm/litre	3.5/2.0



APPLICATION

- ⇒ **BG HITCOAT® 200** is applied at ambient temperature by spraying or brushing to the clean and sand blasted substrate
- ⇒ **BG HITCOAT® 200** is three-component coating dilutable by organic solvents; it contains a reactive solvent

AREAS OF APPLICABILITY

- ⇒ Power Station Equipment
- ⇒ Sulfur Recovery Units
- ⇒ Heat exchangers
- ⇒ Hot gas scrubbers
- ⇒ Other chemical and technological equipment
- ⇒ Waste Recovery Systems
- ⇒ Paper & Pulp Industry
- ⇒ Pipelines
- ⇒ Industrial chimneys



REFERENCES

- ⇒ Lovochemie Lovosice (Nitric Acid Production, Heat exchanger)
- ⇒ Prague Incinerator Plant Malešice (LUWO K2 and K3)
- ⇒ ČEZ, PP Poříčí (LUWO FK8)
- ⇒ ECKG Kladno (LUWO K4)
- ⇒ ČEZ, PP Poříčí (LUWO FK7)



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