

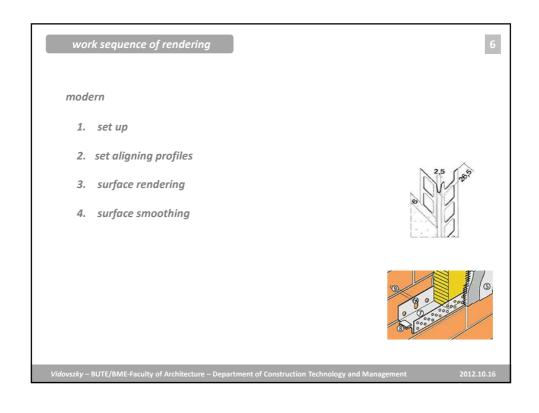
traditional A. load-bearing wall structure (+ rendered surface) B. load-bearing wall structure + surface coverings (ceramic/brick /stone decoration) modern C. load-bearing wall structure + insulation + rendered surface D. load-bearing wall structure + insulation + surface supporting system + surface structure

rendering - material • traditional lime-Portland-cement rendering • frost resistant Portland-cement rendering • fire proof rendering • isolating render mortar • thin surface rendering mortar with polyester mesh reinforcement • color stone plaster



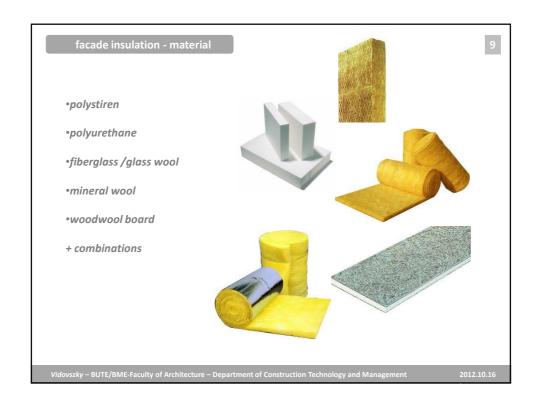


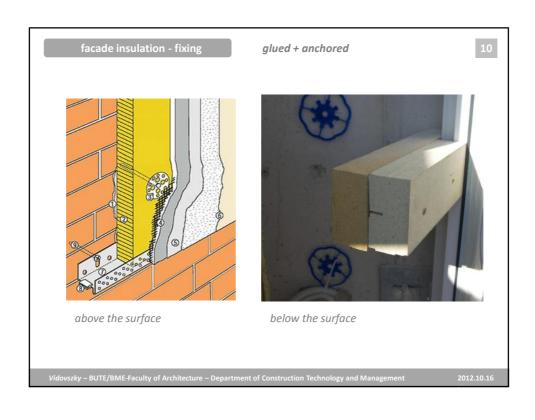
traditional 1. mark out 2. rendering alignment spots 3. rendering alignment stripes 4. surface rendering 5. surface smooth Vidovszky – BUTE/BME-Faculty of Architecture – Department of Construction Technology and Management 2012.10.16

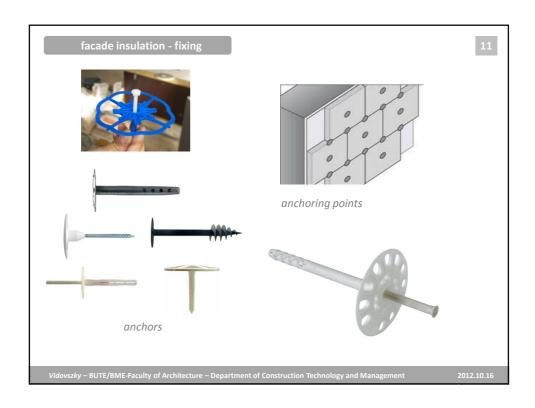


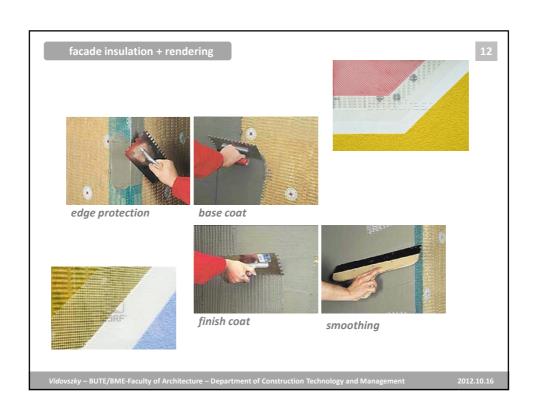














Statics	Insulation	Detailing / functionality	Appearance
load bearing capacity (self load + impacts)	heat protection (thermal comfort)	maintenability, sutainability and resonable cost	surface quality
wind load (+/-) resistance	protection against UV radiation	joints and dilatation	applied colors
ptimal / required istance of the rops, proper naterial quality, tc.	protection against moisture (rainwater, vapour load)	security aspects – property protection	proportions of the surface elements
	acoustic protection	fire protection	
		workabiltiy / viability	

Load bearing wall / skeleton structure + extrior wall + insulation + assembled surface influencing factors (consequences of e.g. material characteristics): *element size (min.-max.) *element weight (average /max.) *element shape

