

	Data: 44.00.2007		
Case study building - Properties II	Date: 14.06.2007 Name: Rene Hummer		
Building size	Apartment size		
Number of blocks3Number of staircases per block1Number of floors4Typical room heightmLength/widthLMarkowski0,4	Appartments AppartmentsNumber 24Rooms 3,0Bath 		
Façades	Windows		
Façade construction masonry Façade finish plaster	% of Sun- shading façade U-value shading South 10% W/(m2K) 2,6 West 30% W/(m2K) 2,6 North 10% W/(m2K) 2,6 East 30% W/(m2K) 2,6 Dominant window types		
	Front façade Image: Constraint of the sector of		
Floor slabs	Balconies		
Top floor slabwowden beam slabStandard floor slabshollow brick slab	 none integrated partially exposed exposed full length full length regular regular		
Heating	Ventilation		
Central heating, radiator heating			
Central heating, floor heating	Exhaust air system, natural (stack ventilation)		
Central air heating	Exhaust air system, mechanical (bathrooms)		
Individual appartment heating			
Individual room heating (electric)			
Individual room heating (oil / gas / wood / coal)	Mechanical ventilation (supply/exhaust aitr)		
Hot water			
Central hot water, single pipe system			
Central hot water, circulation pipe system	Individual boilers (gas)		
Individual hot water tanks (electric)	Central solar system		

IEA ECBCS Prefab Retrofit of Bui Case study buildi			Date: 14.06.2007 Name: Rene Hummer
		Address Dieselv	veg 4,6,8; 8020 Graz
	1.3	Rent	
		Orientation	
		N No spec. orien	ntation INW-SE E-W
Urban situation		View	
Contraction Details	hed building in logeneous neighbourhood	<u> </u>	Front / Back
inhom	nogeneous neighbourhood	Flat	Top view only
Detac homo	ched building in geneous neighbourhood	Slope	Good view Green © Garden view
	development in geneous neighbourhood	Slope	
Neighbourhood		Environment	
Public transportation		Quality of neighbourhood	
Shops, services, centre	medium 🗨	Air pollution, emissions	
Play grounds, sport	average 🗨	Outdoor noise level	noisy 🗨
Schools	average 🗨		

