

Perleberg & Karstädt references



- **WGP is a landlord in Germany**
- **28 blocks has been coated with Exterior between 1998 to 2009. In total over 1 100 apartments**
- **Energy saving 14 – 24 %**
- **Transmissionsheat reduction in walls reduced by 30 – 40 %**
- **Continuously measurement,**
 - Reference data energy consumption 1994 to 2000
 - Measurement period 2000 to 2006
 - Continues 4 more years



Wolfgang Gelleszun, WGP
Berit Lönn, ThermoGaia AB

Energy saving 19 - 24 %



ThermoShield Exterior 2007
Dobberzinerstrasse 4 - 6
Perleberg



Energy saving 19 - 24 %



**ThermoShield Exterior 2007
Dobberzinerstrasse 75 - 77
Perleberg**



Energy saving 19 - 24 %



ThermoShield Exterior 2004
Dobberzinerstrasse 66 - 69
Perleberg



Energy saving 14,1 %



Measured by
Prof. Dr. M. Sohn



Coated 2000 by
Malerbetrieb Krause
Bremen

ThermoShield Exterior
Dobberzinerstrasse 10 - 15
Perleberg



Energy saving 23,4 %



Measured by
Prof. Dr. M. Sohn

htw. Hochschule für Technik
und Wirtschaft Berlin
University of Applied Sciences

Coated 2000 by
Malerbetrieb Krause
Bremen

ThermoShield Exterior
Dobberzinerstrasse 16 - 21
Perleberg



Energy saving 17,8 %



Measured by
Prof. Dr. M. Sohn



Coated 1996 by
Malerbetrieb Krause
Bremen

ThermoShield Exterior
Str. d. Freundschaft 11 - 17
Karstedt



Energy saving 21,2 %



Measured by
Prof. Dr. M. Sohn



Coated 1998 by
Malerbetrieb Krause
Bremen

ThermoShield Exterior
Karstädt



Facade coated 1998



Str. d. Freundschaft 6-10

ThermoShield Exterior
Karstedt



Facade coated 2006



ThermoShield Exterior 2006
Dobberzinerstrasse 72 - 74
Perleberg



Painted 1998 – std paint



Coated 1998 - ThermoShield



Exterior vs Paint



Façade painted with standard paint in 1998
Str. d. Freundschaft 18 – 24 Karstedt



Façade painted with Exterior in 1998
Str. d. Freundschaft 11 – 17 Karstedt