1. Record Nr. UNINA9910709516903321 Autore Hastings S. Robert Titolo Design for better window performance / / S. Robert Hastings, Porter Driscoll Pubbl/distr/stampa Gaithersburg, MD:,: U.S. Dept. of Commerce, National Institute of Standards and Technology, , 1980 Descrizione fisica 1 online resource Collana NBS special publication; ; 575 Altri autori (Persone) DriscollPorter HastingsS. Robert Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali 1980. Contributed record: Metadata reviewed, not verified. Some fields updated by batch processes. Title from PDF title page. Nota di bibliografia Includes bibliographical references. Sommario/riassunto The wall chart 'Design for Better Window Performance' describes window and other design elements and the impact of these design elements singly and in combination on window performance and building attributes. The design elements are grouped into four categories: Exterior-windbreaks, shades, coverings and sun orientation; Frame-insulating frame, opening type, weather strip and hardware; Glazing-multi-glazing, reflective glazing, plastic glazing and glass block; Interior-interior shading, interior coverings, integral lighting and interior mass. The impacts of these design elements are describes in a matrix form and address the following window and building attributes: Airtightness, Water tightness, Natural ventilation, Insulation, Solar admittance, Daylighting, Visual separation, Acoustical isolation, Safety, Access/Egress, Ease of operation, Forced entry resistance, and Durability/Maintenance. The chart is designed for ready

reference during the design process.