

DEVELOPMENT PROGRAM

CONSTRUCTIVE AND REDEVELOPMENT SYSTEM ON EXISTENT

ANTISEISMIC/THERMIC/ACOUSTIC/FIRE/WATER



ATMA Engineering

ATMA Engineering
R&S and Patents

since 1989



&

University of Bologna
construction sciences
(TEST, CERTIFICATES)



NTC&R SRL (Rovereto - Trentino)

PROTOTYPING and limited PRODUCTION A - SYSTEM
(achievements on the new & definitive existing redevelopment)

COST € 2,5MILLION
since 2018 (17 september)

PRODUCTION UNIT
A - SYSTEM (complete)

COST € 11MILLION



PRODUCTION UNIT
A - SYSTEM + ASOLAR
(structures with integrated photovoltaics)

COST € 29MILLION

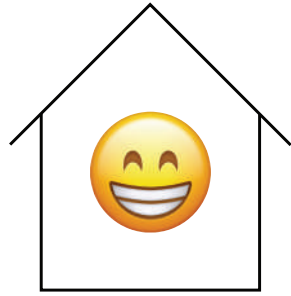


A - SYSTEM

A - SYSTEM

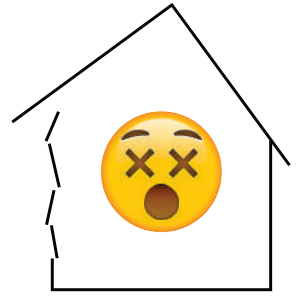
RESISTENTE AL
MASSIMO LIVELLO

RESISTANT TO THE
MAXIMUM LEVEL



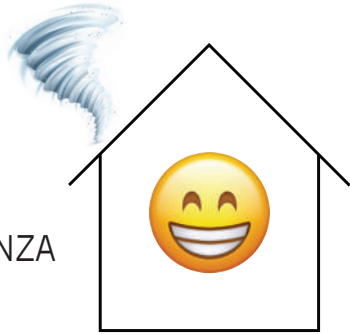
ANTISISMICO

ANTISEISMIC

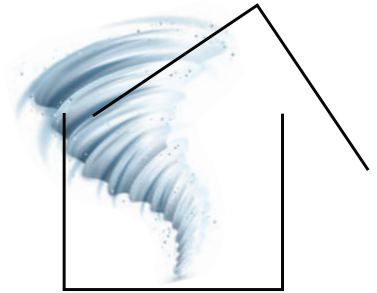


COMPATTA
MASSIMA RESISTENZA

MAXIMUM RESISTANCE

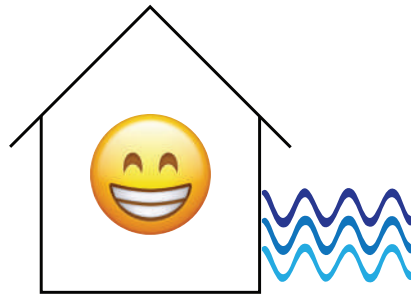


MONSONI
E TORNADO
MONSOON AND TORNADO



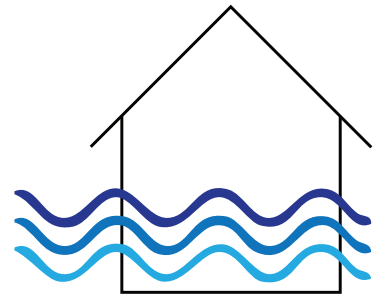
VERSIONE CON
TENUTA ERMETICA

VERSION WITH ERMETIC SEAL



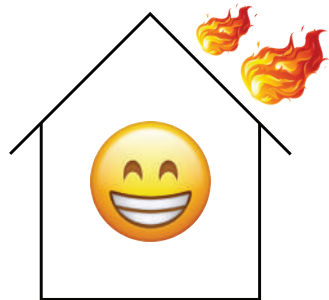
ALLUVIONI

FLOODS



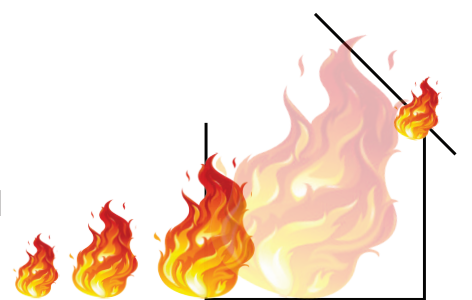
DOPO
1 - 2 - 3 ORE

AFTER 1 - 2 - 3 HOURS



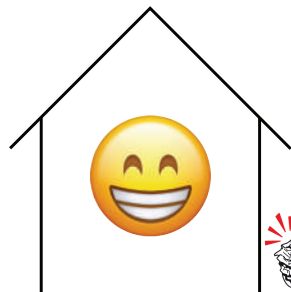
INCENDI

FIRE



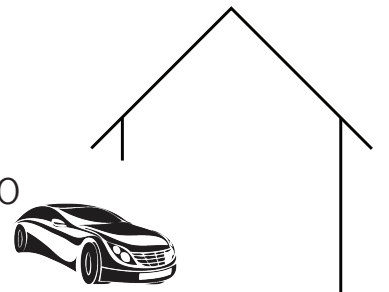
ELEVATA RESISTENZA
MECCANICA

HIGH RESISTANCE
MECHANICS



ANTISFONDAMENTO

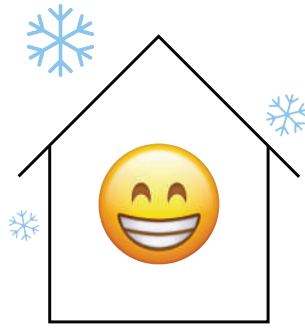
SHATTERPROOF
WALLS



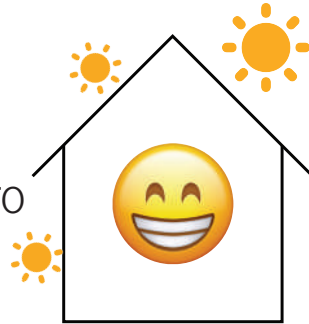
A - SYSTEM

A - SYSTEM

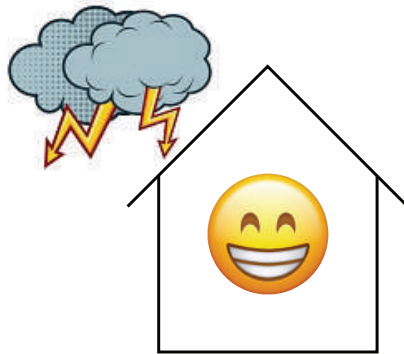
ISOLAMENTO PERFETTO
ASSENZA DI PONTI
TERMICI
PERFECT INSULATION



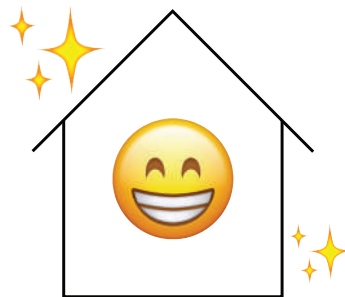
ISOLAMENTO PERFETTO
K 0,22 MEDIO
PERFECT INSULATION
K 0,22 MIDDLE



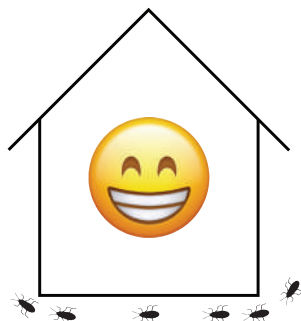
GABBIA DI
FARADAY
CAGE OF FARADAY



NON PERMETTE
LA CREAZIONE
DI MUFFE
DOESN'T ALLOW
THE CREATION OF MOLDS



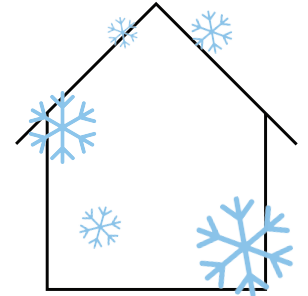
MATERIALI
INTACCABILI
DAMAGEABLE MATERIALS



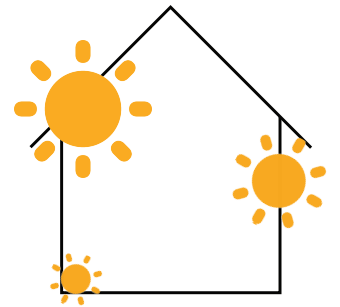
I TRADIZIONALI

TRADITIONAL

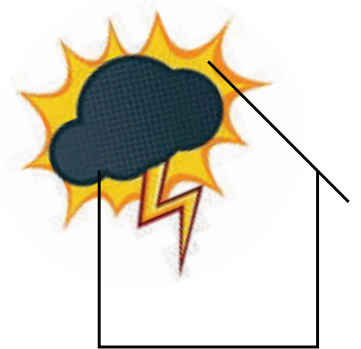
TEMPERATURA
MOLTO BASSA
TEMPERATURE VERY LOW



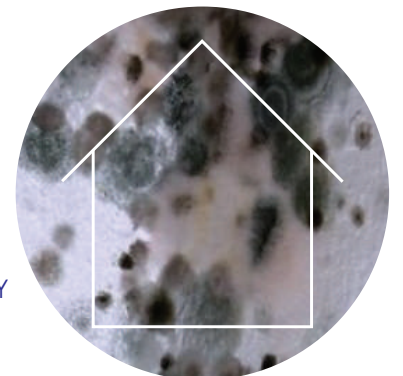
TEMPERATURA
TROPPO ALTA
TEMPERATURE TOO HIGH



ANTIFULMINE
LIGHTNING



MUFFE
E UMIDITA'
MOLD AND HUMIDITY



INSETTI
E RODITORI
INSECTS AND RODENTS

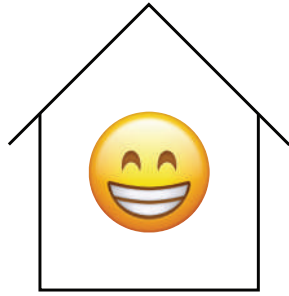


A - SYSTEM

A - SYSTEM

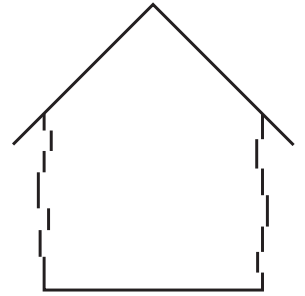
INTONACI ESTERNI ED
INTERNI ARMATI
ANTIDISTACCO

INTERNAL AND EXTERNAL
PLASTERS ARMED



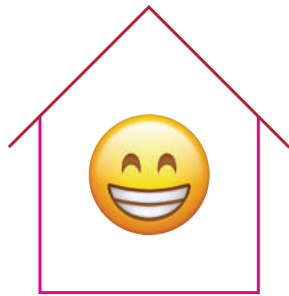
CREPE MURI
O INTONACO

DAMAGED WALLS AND
PLASTER



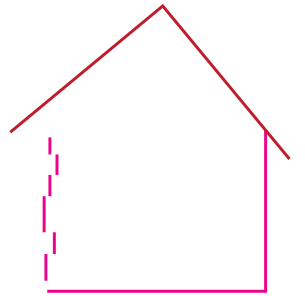
DOPO 30 ANNI
INTONACO COLORATO,
DENTRO E FUORI
INALTERATO

AFTER 30 YEARS
COLORED PLASTER,
INSIDE AND OUTSIDE
UNALTERED



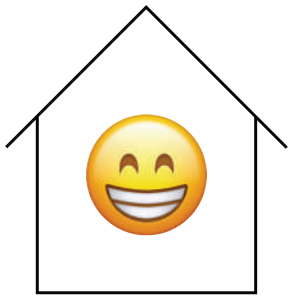
NO MANUTENZIONE
NEL TEMPO

NO MAINTENANCE



! GARANTITO !

GUARANTEED



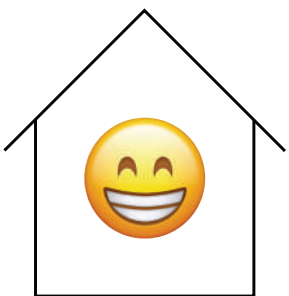
SICUREZZA
STRUTTURALE
NEL TEMPO

SAFETY
STRUCTURAL IN TIME



HO UNA CASA SUPER
ACQUISTANDOLA
A MENO

I HAVE A SUPER HOUSE
PAY LESS



QUANTO HO
SPESO?

HOW MUCH I SPENT?

