



Genuine Stone & Green Design



What is Natural Stone?



Historical Uses of Stone



How Stone Fits into Green Design



Green Building Standards



Reducing Environmental Impacts



Using Stone in Green Design

Scope and Scale of Design

Maximize economies of scale

- Large vs. small qty of stone – 5,000 sf is more efficiently produced than 500 sf
- The relative impact to ship 5,000 sf is less than that of 500 sf

Understand the stone and how it affects the design intent

- Size and Thickness – why use 3cm if 2cm will suffice – leads to lighter structure and lower shipping impacts

Material Use and Yield

- Engage materials suppliers prior to developing specifications
- Maximize yield by predetermining block sizes, slab sizes
- Use material excess for other project applications
- Be realistic with aesthetic expectations when selecting stone

Consider the Life Cycle of the Project

- Carpet on a 75 year lobby floor does not stack up against stone
- P-lam countertops in apartments will have to be replaced eventually

Utilize Local and/or Reclaimed Materials

- Use quarries within proximity of the project where possible
- Use reclaimed material when possible

Promote Sustainable Practices

- Work with suppliers that utilize green and sustainable practices
- Emphasize ingredient transparency
- Do your Homework – understand what you are specifying