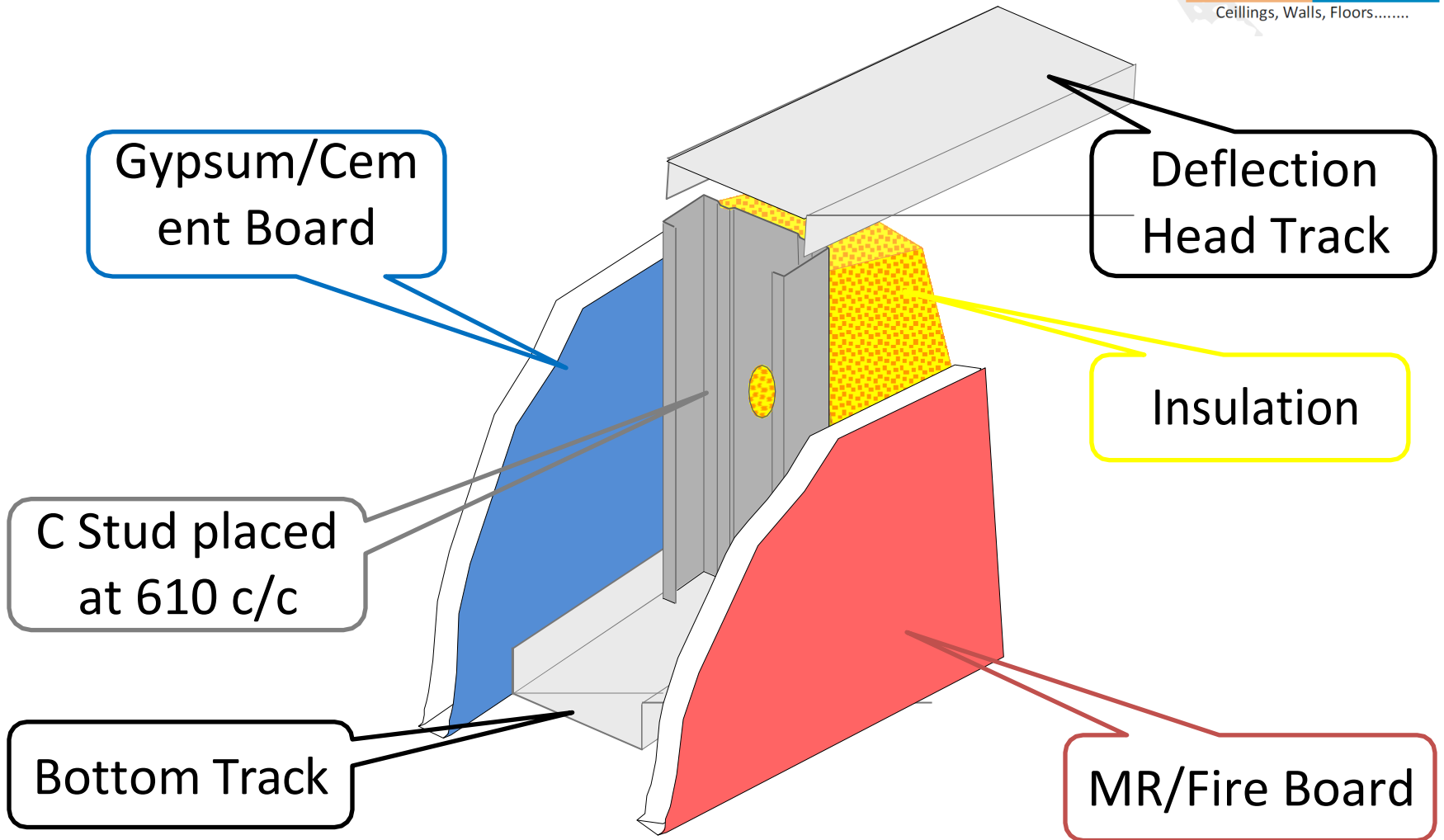




# Drywalls – A Future Option

*Innovation is Continuous Improvement*

# What is a Drywall?



# Drywall Design Parameters

- Structural Stability
  - Deflection Criteria (Internal Pressure, Serviceability, Load Under Fire)
  - Wall Height
  - Shelf Loading
  - Impact Rating
- Acoustics 
- Fire Protection 





# Drywall vs Masonry

# 9 KEY REASONS

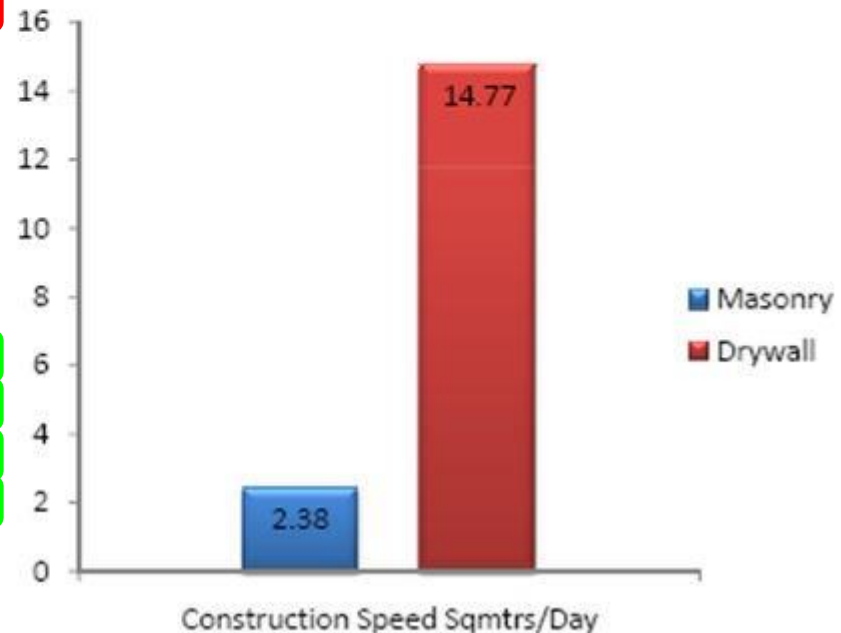
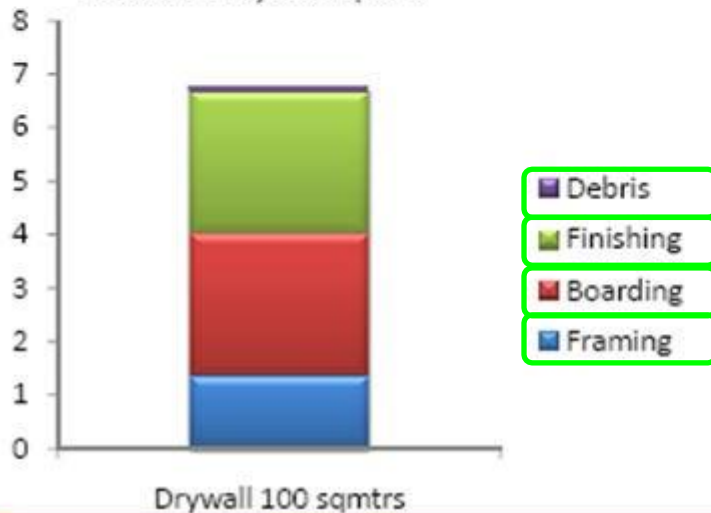
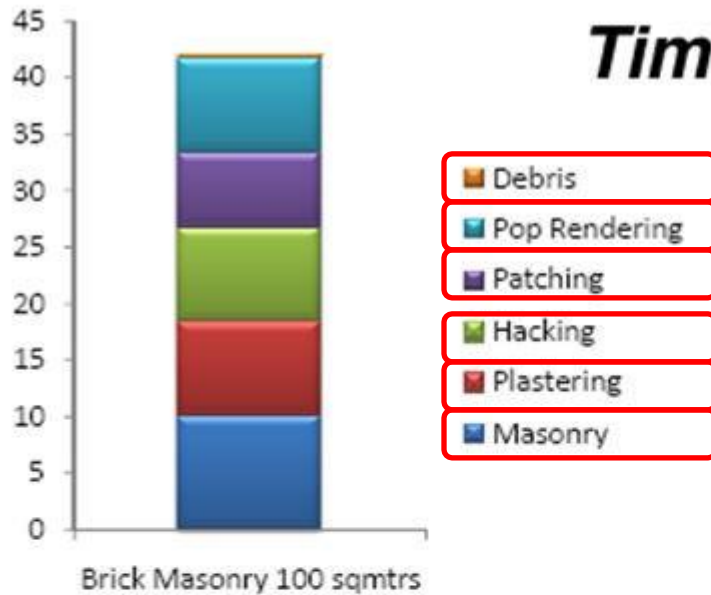
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- 1) Faster in Construction
- 2) Light Weight
- 3) Passage of Services
- 4) Better Acoustic Insulation
- 5) Better Fire Rating
- 6) Easier Site Management
- 7) Carpet Area Saving
- 8) Lighter Columns and Beams
- 9) Environment Friendly

# 1) Faster in Construction

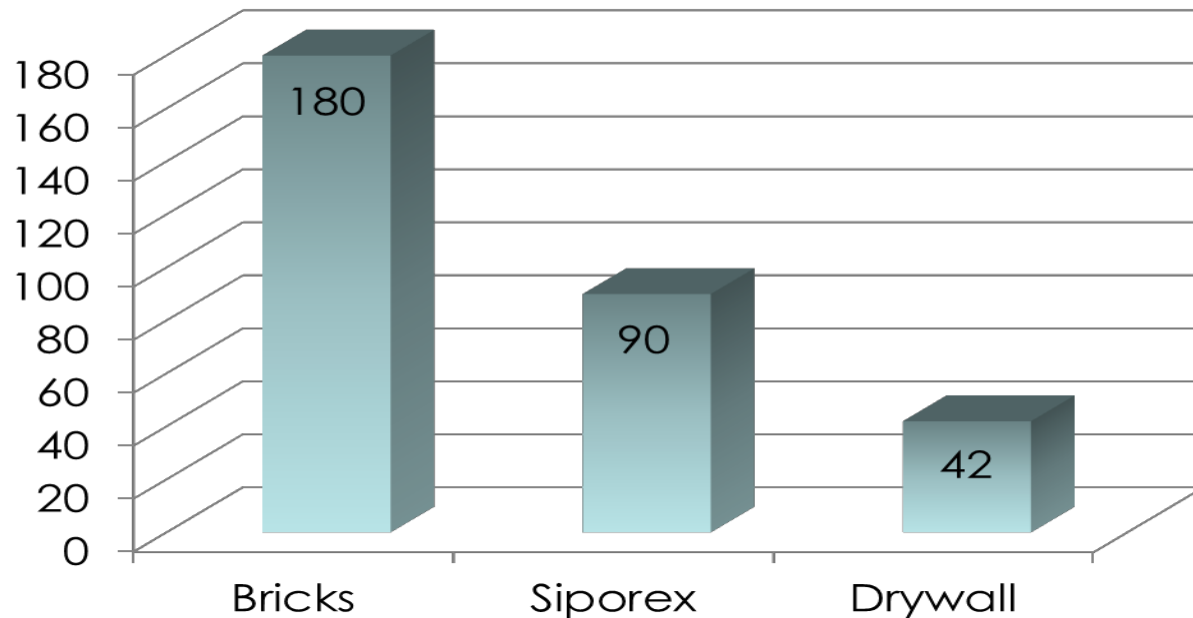
## Time Savings

Drywall is 7-10 times  
faster than the  
conventional system!!!!



## 2) Light Weight

Weight Comparison: kg /sqmt



**Drastically Reduces the  
Dead Load on the Structure**

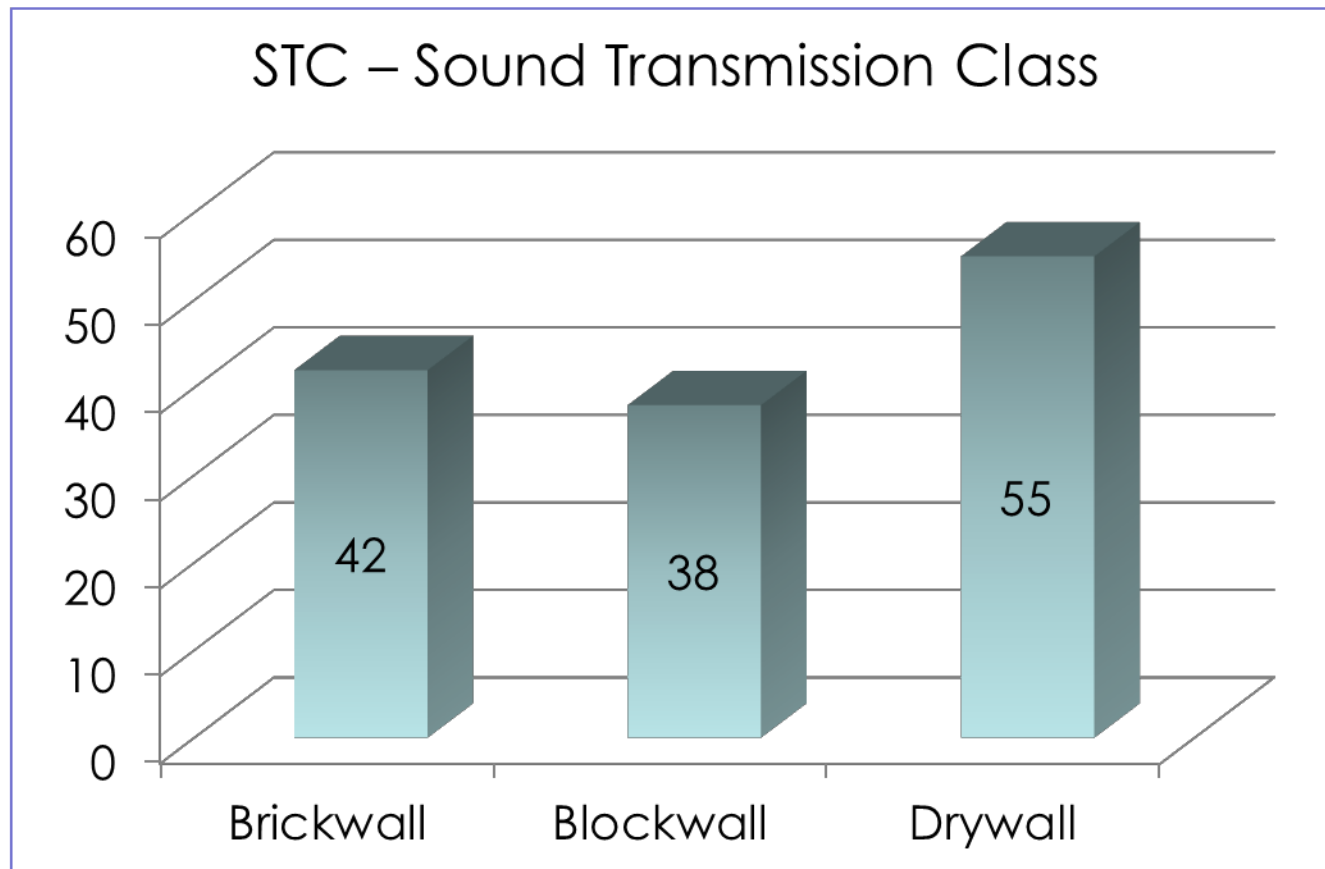
# 3) Passage of Services (MEP)





# 4) Better Acoustic Insulation

Excellent Sound Insulation + Sound Absorption



Optimum Acoustic Comfort

# 5) Better Fire Ratings



4 inches  
2 hours

4 inches  
1 Hour

# What about Fire Certification?





# IN CASE OF DRYWALLS.....



Insulation  
Check



Integrity  
Check



Stability  
Check



Fire  
Testing  
Failure

# 6) Easier Site Management . . .

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Cluttered and Messy Work Area



Heavy Masonry / Clay Blocks,  
Extensive Handling



Services Chasing / Repair



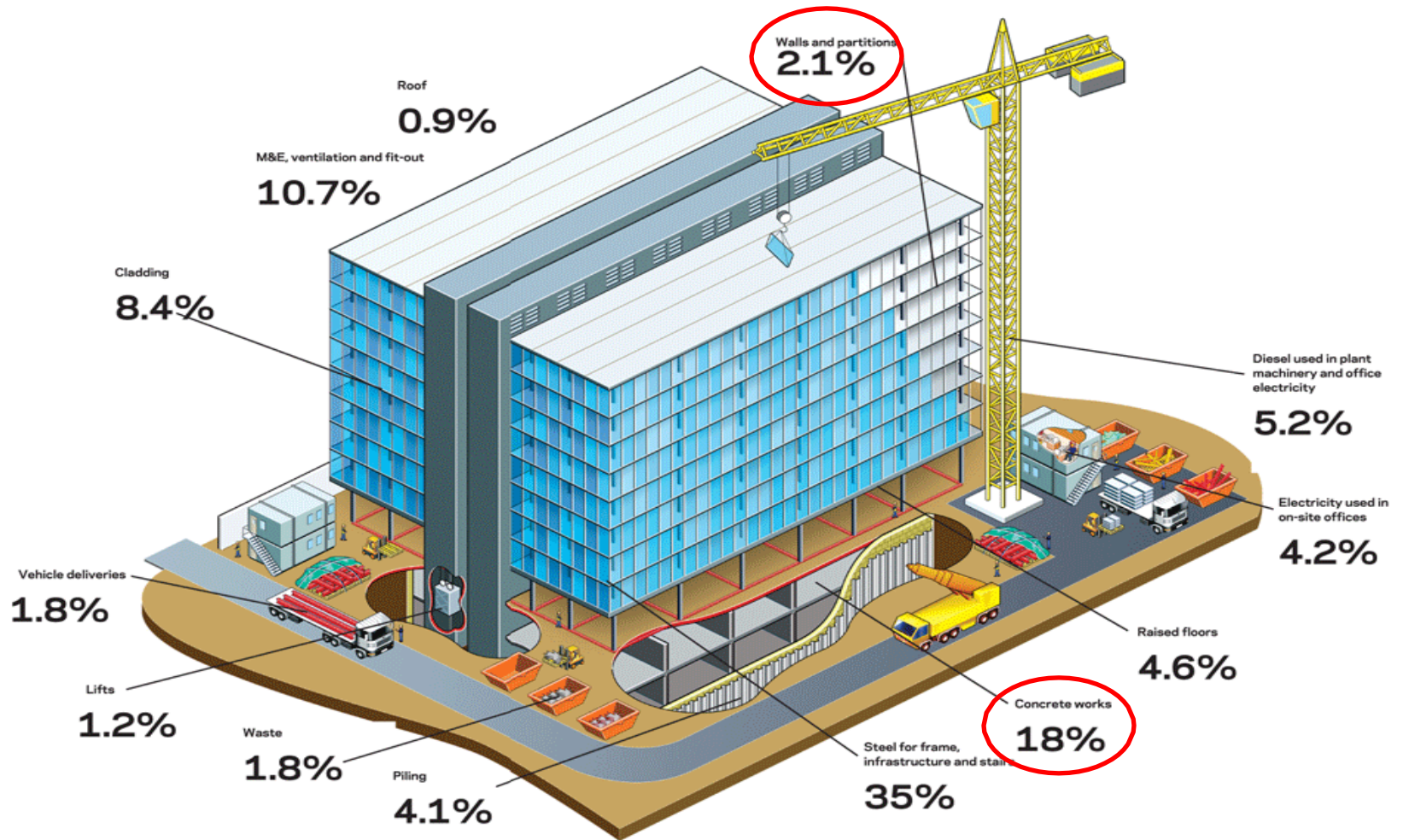
Costly Waste

# 6) Easier Site Management . . .





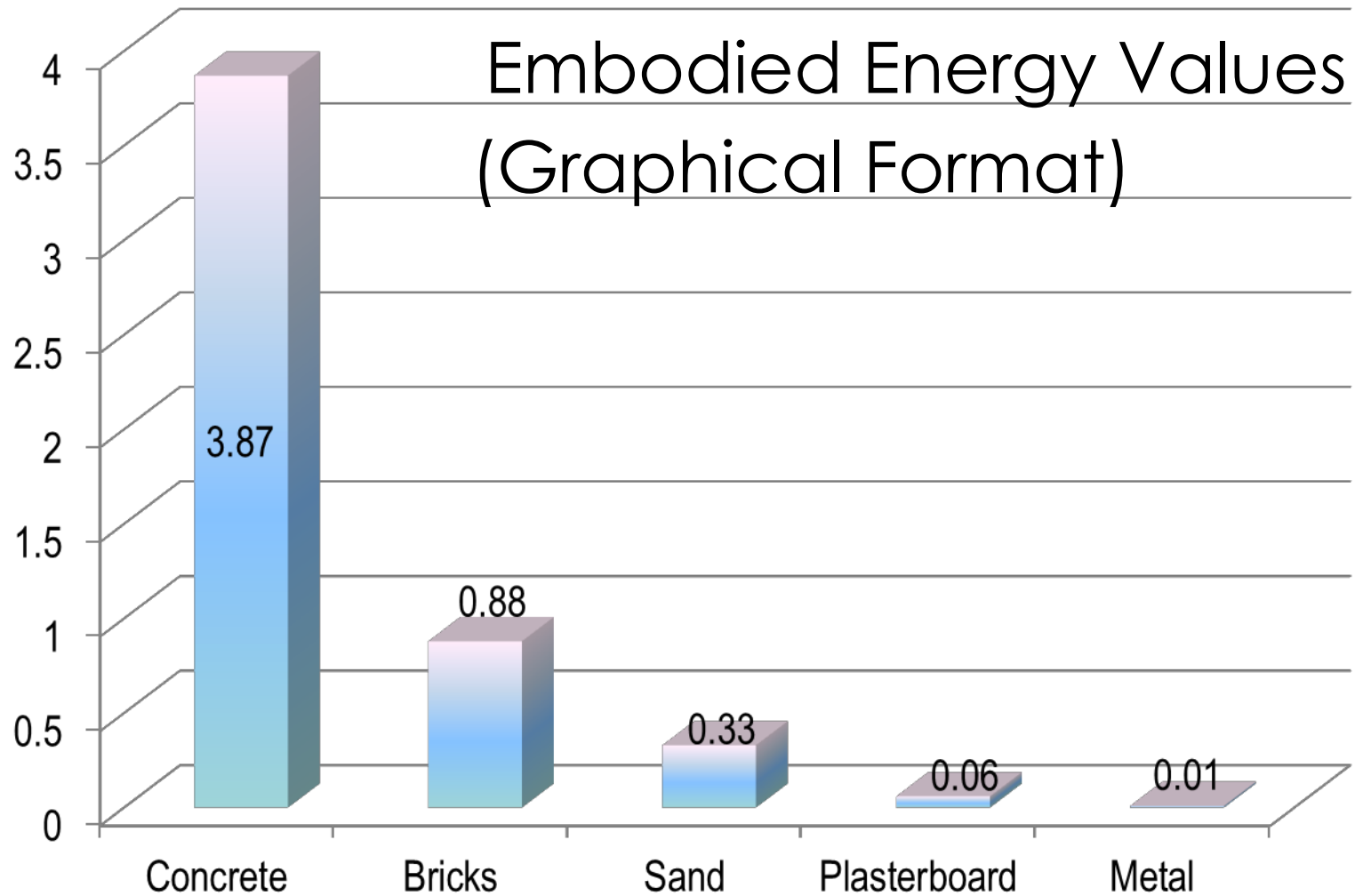
# 9) Environment Friendly



Embodied Energy Values

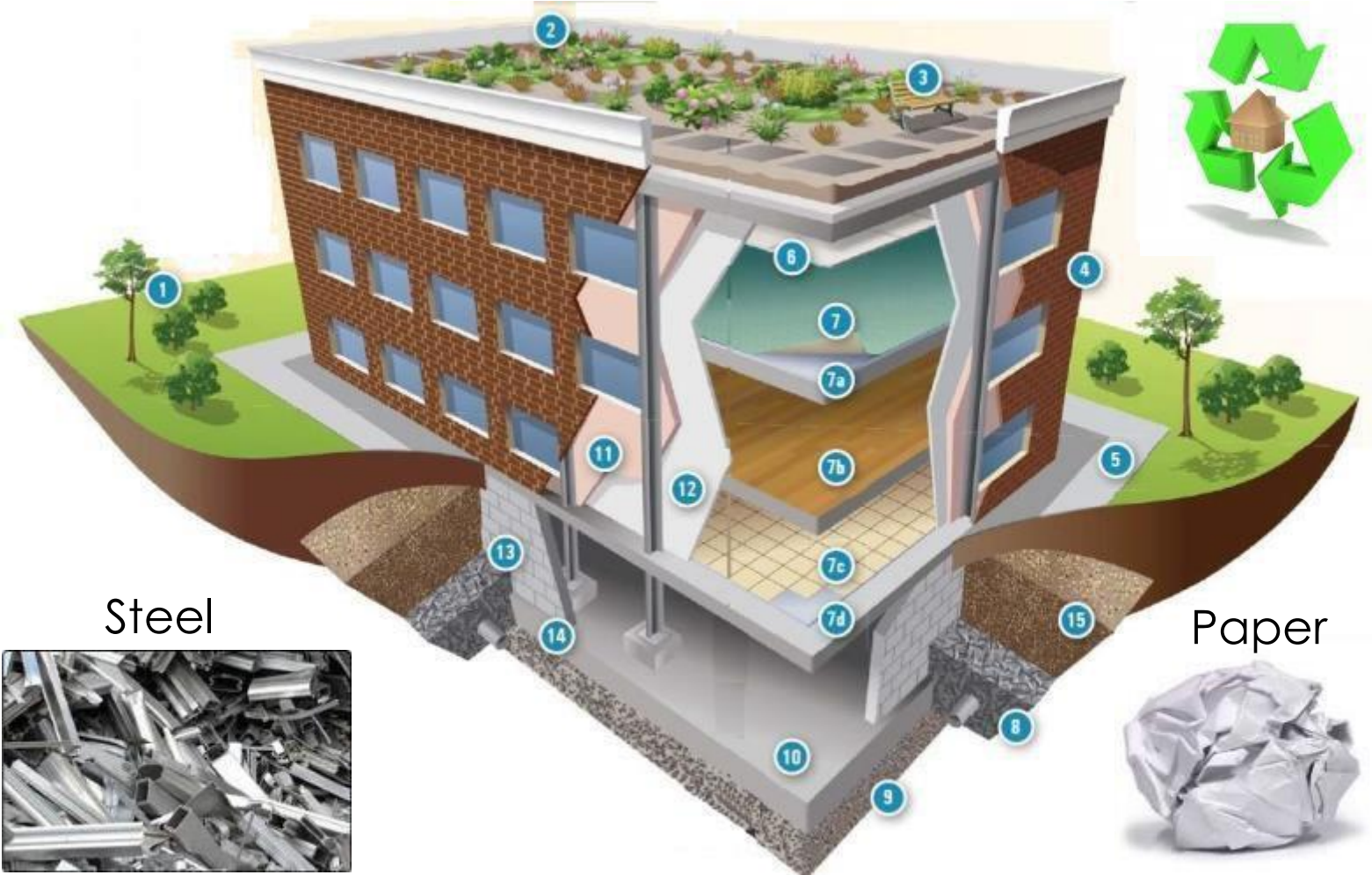
# Environment Friendly.....

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# Environment Friendly.....



Recyclable Building Material

# Environment Friendly...

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**WATER** an essential resource