

BUILDING WITH COB A STEP BY GUIDE

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How to build a cob house book?

What can you make out of cob? You can build all kinds of useful and creative things with cob. You can build a house, a wood fire oven, a bench, a garden wall, a rocket mass heater, sculptures, and much more.

What is the best foundation for a cob house? You must build on solid, dry ground with good soil drainage. Cob house foundations can be built using a variety of materials, but they are mostly built with solid, non-corroding materials like concrete or stone.

How long does an average cob house last? It lasts forever with a good foundation and a good roof that protect it from standing water and overhead rain. It breathes and releases moisture continuously and creates a balance between outside and inside humidity and temperature so there is always a comfortable equilibrium for human beings living in cob houses.

What are the disadvantages of a cob house?

How thick should cob walls be? How thick should cob walls be? The thinner that cob walls are the less load bearing capacity and thermal mass that they will have. I recommend the width of cob walls be between 18 to 24 inches as a standard. This gives plenty of load bearing capacity for a one story building and plenty of thermal mass.

Is cob as strong as concrete? Cob can be strong like concrete, and used to build warm and energy-efficient homes. It's incredibly sustainable, with the potential to reduce the hugely damaging carbon footprint of the construction industry, and concrete in particular.

Can you put plumbing in a cob house? Leaky pipes inside of earthen walls can cause significant structural damage. The general rule of thumb to avoid this situation is to never install water pipes inside or through cob walls.

Are cob houses expensive to build? They are not only beautiful and warm. They are very economical and eco-friendly. You can build a very nice cob home for a fraction of the cost for a conventional stud-frame home. Very comfortable cob homes can easily be built in the range of \$500 to \$50,000.

Do cob houses stay warm? Put bluntly, cob is a pathetic insulator. This goes for any earthen building material. But what earthen materials lack in insulation properties they make up for with thermal retention. Cob is also a very poor conductor of heat and has very low thermal conductivity.

Are cob houses legal in the US? Most codes in the US follow the International Building Code (IBC). Each state has their slight variation of it, as do counties and major cities. However, because there is no code for cob doesn't mean that it can't be built with legally.

Do cob houses get bugs? They can easily make their homes in there so cob and earthen materials are not like that so I think you have less chance of rodents or insects or termites in an earthen building. The only case I've seen with an insect problem is certain types of bees like to burrow into cob walls and they make little burrowing holes.

What is the R value of a cob house? According to the Cob Code Appendix U on Cob Construction, the unit R-value for cob walls is R-0.22 per inch of cob thickness. This comes out to about R-2.64 per foot thick of cob wall.

What happens to a cob house when it rains? Cob is very resistant to weathering. Because of its porous nature, it withstands long periods of rain without weakening. However, too much exposure is best avoided by the "boots and cap" strategy: wide

roof eaves to protect the walls and an impervious foundation.

Where is the best place to build a cob house? If you decide to follow all building codes then you can, in theory, build anywhere you desire. Whether that is rural, suburban, or urban. I still mostly recommend people build cob homes in rural counties. This happens to be where most people want to build cob homes anyway.

Are cob homes fireproof?

What happens when cob gets wet? Rain can be one of the main enemies to the integrity of your cob structure. But at the same time, cob walls can actually withstand a tremendous amount of water hitting them and still be fine. Its more the slow “drip” and consistent dampness that we want to avoid.

How long does it take to build with cob? Building times for cob houses has been known to be an issue for some homeowners. Due to the fact that each layer needs to be individually added and dried before the next layer can be added takes a long time, up to 15 months, according to this telegraph article.

How to make cob waterproof? Normally with cob you put a render, meaning an earthen plaster or a lime plaster. Either one of these is going to help to protect your cob walls. My recommendation is to do a lime render.

How long do cob buildings last? However, cob buildings if treated correctly can last for hundreds or even thousands of years; as long as you are prepared to spend money putting right what previous generations have got wrong, there is no reason your building cannot last for a similar timespan.

Can you use rebar in cob? It is appropriate in some building designs and locations, relative to design wind speed and seismic risk. So not everyone will build cob walls with rebar. Only when they choose to or when the situation requires it.

Are cob houses practical? Cob has been used and tested in various forms, and under different cultural names, for thousands of years all over the world, and it has proven to be a very practical and durable building material. Until recently, cob houses have been virtually unknown to people in most modernized places.

The Histories of Herodotus: Uncovering Ancient History

Introduction

Herodotus of Halicarnassus, an ancient Greek historian, authored "The Histories," a seminal work regarded as the foundation of Western historiography. This monumental text provides an invaluable account of the Greco-Persian Wars and the cultures of the ancient world.

Q1: Why is "The Histories" significant?

A1: "The Histories" is considered the earliest known attempt at a systematic historical narrative, breaking away from mythological and genealogical accounts. It established the principles of historiography, including the importance of gathering firsthand observations, questioning sources, and presenting evidence in a clear and organized manner.

Q2: What time period does "The Histories" cover?

A2: "The Histories" primarily focuses on the events leading up to and during the Greco-Persian Wars, spanning the period from the early 6th century BCE to the end of the Persian Wars in 479 BCE.

Q3: What cultures and regions does Herodotus describe?

A3: Herodotus provides detailed accounts of various cultures and regions, including Greece, Persia, Egypt, Lydia, Scythia, and Babylonia. He describes their customs, beliefs, geographic features, and political systems, offering a comprehensive glimpse into the diversity of the ancient world.

Q4: How did Herodotus research and write "The Histories"?

A4: Herodotus traveled extensively, gathering information from firsthand accounts, eyewitness testimonies, and local informants. He consulted documents, inscriptions, and other sources to verify his findings. His writing style is characterized by vivid descriptions and a lively narrative, making "The Histories" an engaging and accessible read.

Q5: What is the legacy of "The Histories"?

A5: "The Histories" remains an essential text for understanding ancient history and historiography. Its influence has shaped modern historical methods and inspired countless historians. Herodotus's work has also provided a lasting legacy in the fields of archaeology, anthropology, and cultural studies, contributing to our understanding of the human experience throughout the ages.

Second Chance: A Heartfelt Exploration with Danielle Steel

What is the central theme of Danielle Steel's "Second Chance"?

"Second Chance" delves into the transformative power of second chances, exploring how individuals can find redemption and happiness even after enduring adversity. It follows the journey of Morgan Griffith, a woman who has faced both personal and professional challenges, as she navigates the complexities of love, loss, and the search for a fulfilling life.

How does Morgan's experiences shape her perspective on second chances?

Morgan's life has been marked by unexpected setbacks, including the loss of her business, the end of her marriage, and the death of her close friend. These experiences have tested her resilience and forced her to re-evaluate her priorities. Through it all, she has come to realize that second chances are not merely opportunities for correction but pathways to growth and self-discovery.

What lessons can readers learn from Morgan's story?

"Second Chance" offers valuable lessons about the importance of perseverance, the power of hope, and the transformative nature of love. It demonstrates that even in the face of adversity, it is possible to find happiness and fulfillment by embracing second chances, learning from mistakes, and surrounding oneself with supportive people.

How does Steel's writing style enhance the reader's experience?

Danielle Steel is renowned for her compelling storytelling and relatable characters. In "Second Chance," she weaves a captivating narrative that draws readers into Morgan's journey. Her vivid descriptions, emotional depth, and poignant insights

allow readers to connect with the characters and experience their struggles and triumphs firsthand.

What is the ultimate message conveyed by "Second Chance"?

"Second Chance" ultimately conveys the message that life is full of unexpected twists and turns, and that it is never too late to make a change for the better. It inspires readers to embrace second chances, to learn from the past, and to live their lives with purpose and passion.

Strategi Komunikasi Badan Kependudukan dan Keluarga (BKKBN)

BKKBN sebagai lembaga pemerintah yang bertanggung jawab dalam pengendalian penduduk dan keluarga berencana, memiliki peran penting dalam mengkomunikasikan informasi dan edukasi terkait kesehatan reproduksi dan kependudukan. Berikut adalah lima pertanyaan dan jawaban seputar strategi komunikasi BKKBN:

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2. Bagaimana BKKBN mengidentifikasi target audiensnya? BKKBN mengidentifikasi target audiensnya berdasarkan karakteristik demografis, sosial ekonomi, dan perilaku, seperti usia, jenis kelamin, tingkat pendidikan, dan status perkawinan. Target utama BKKBN adalah masyarakat usia reproduksi, yaitu berusia 15-49 tahun.

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4. Apa saja pesan utama yang disampaikan BKKBN? Pesan utama yang disampaikan BKKBN meliputi:

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- Keuntungan menunda pernikahan dan kehamilan
- Manfaat menggunakan kontrasepsi untuk mengatur jarak dan jumlah anak
- Pencegahan penyakit menular seksual
- Hak-hak reproduksi perempuan

5. Bagaimana BKKBN mengevaluasi efektivitas strategi komunikasinya?

BKKBN mengevaluasi efektivitas strategi komunikasinya melalui penelitian dan survei untuk mengukur perubahan pengetahuan, sikap, dan perilaku target audiens. Hal ini dilakukan secara berkala untuk menyesuaikan dan meningkatkan strategi komunikasi sesuai kebutuhan.

[the histories herodotus](#), [second chance danielle steel](#), [strategi komunikasi badan kependudukan dan keluarga](#)

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