



Product information

What is CHAR CO- ?

Coal is part of our childhood memory, we grew up with them. From family business to seeing every where in our daily life. Coal has always been around us. But what do we really know about them? Thinking of it, we all think it as a source of building a fire, the source of creating heat but actually Coal has its own multiverse benefits such as improving the quality of water as a filter, efficiency in absorptions smells, odour, heavy metal solvents etc., that is why we see the home practise of many household using Coal to absorb smells and odour in refrigerator, clothes cabinet and more...

Having thought this we have develop a product that can be a real use in our day today life, thus receive a special recognition in an innovative product exhibition (ICA2016) from the International Arts and Crafts Promotion Center.

CHAR CO- products are designed to be versatile. Both as a home decoration product such as vases, lamps, coasters, as a material for building decoration like being a decorative wall tile. Each sheet has a different pattern which is another unique quality, apart from helping to absorb odours and absorb moisture well. Our product incorporate an interesting practice taken from the wisdom of ancient Thai citizen when they use the natural wood resin in ship building in sealing holes and leakage in boats and canoe. Our product use the same method to coat and fill the wood crack gap thus giving its own unique pattern individually on every single piece of our product. This resin coating process also solves the problem causing by coal in its natural state causing stains and dirt on hands and clothes when handling them, thus our product is very practical and usable in a daily life, household and decoration.

CHAR CO- is a handicraft product established in 2016 from the collaboration between 3 friends by using materials from the burned charcoal community, Yisarn Subdistrict, Amphawa District, Samut Songkhram Province. The production process from the lathe factory in Bang Taboon community, Ban Laem district Phetchaburi Province

Award

1. Popular Vote Award, 5th Creative Craft Contest 2016, organized by the International Crafts Promotion Center (Public Organization) on 10 March 2016
2. Award winning Resource Efficiency, Group 2, Community Enterprise Group and the general public in the contest of environmentally friendly non-food industrial products Thailand Green Design Awards 2017 organized by Kasetsart University on February 14, 2017
3. Certificate of Excellence for **CHAR CO- Tile** from Material ConneXion
4. Certificate of Excellence for **CHAR CO- Brick** from Material ConneXion

Designer

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CHAR CO-



วัสดุจากธรรมชาติ
ลดความเสียหาย
กระบวนการผลิตเป็นไปตามธรรมชาติของชุมชน
ที่สามารถทำได้
และไม่ได้ทำลายสิ่งแวดล้อม มีอายุการใช้งาน
การปรับปรุงประโยชน์เป็นไปตามธรรมชาติ
จะช่วยให้ผลิตภัณฑ์มีความเป็นเอกลักษณ์



เพิ่มคุณประโยชน์ คุณสมบัติ คุณค่า ใหม่

ใช้กับวัสดุ "ถ่าน"

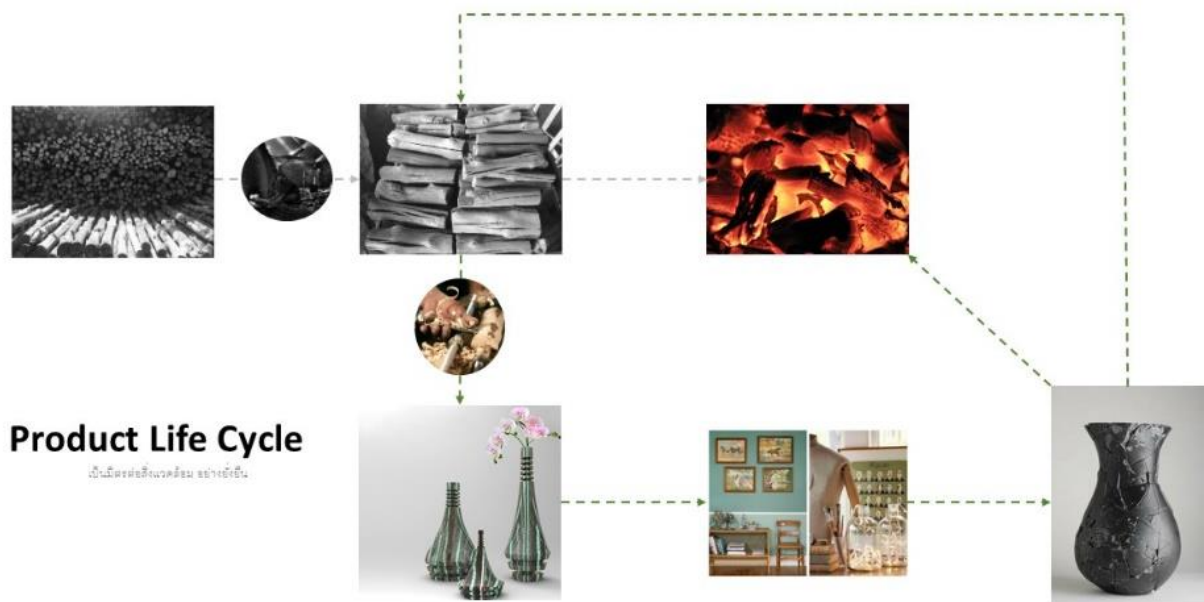
คือวิธีการแบบภูมิปัญญาชาวบ้าน

แก้ปัญหาข้อจำกัดเรื่องความเปราะแตกหักง่าย
โดยการประสานรอยแตกด้วย "ชัน"
นอกจากจะเป็นการเพิ่มความแข็งแรง ยังเป็น
การเพิ่มความงามที่เป็นธรรมชาติใช้เส้นเอ็นขึ้น

แก้ปัญหาเป็นอันตรายจากถ่าน คือการใช้น้ำ



The product is designed to meet the function and the value of the qualification of the charcoal by using the technique of boat joining material to solve the problem of material limitation. This process create the product that concerning the environment. It is not only keep the original qualification of the charcoal by also create the identity of Thai community and the modern Thai living.



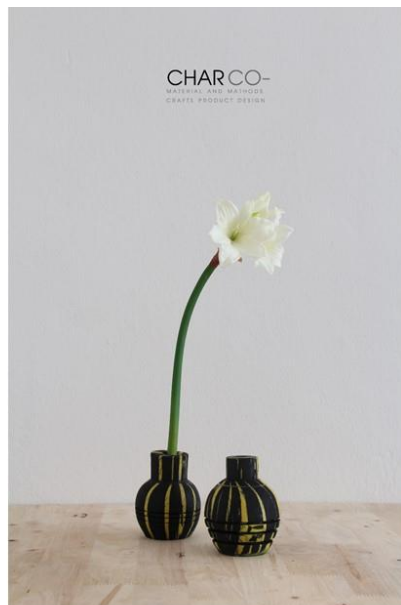
The product is increased the charcoal lifecycle. In general the charcoal is used for fuel material but by creating process. The charcoal will become home decorating product. When the product is damaged we will use it as a fuel material or bringing back to the creation reuse process.



The charcoal is the product that not only to decorate the houses, with natural pattern, but also to absorb the smell especially in the limited space. Beside this, we can develop the charcoal to different product for different customer. The charcoal is the cheap material. To use this material is worth to do the product and this idea may help the charcoal community as well.

The charcoal is the product that concern in absorbing the smell and the humidity. It can be use of the houses, restaurants etc. With the simplicity. It is suitable for every age.

It is the product that design by using the basic form and concerning the quality of absorbing. The consumer can apply the charcoal product for decorating and other purpose.





Products

CHARCO-
MATERIAL AND METHODS
CRAFTS PRODUCT DESIGN





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CHARCO-
MATERIAL AND METHODS
CRAFTS PRODUCT DESIGN

คุณประโยชน์ และคุณค่าใหม่ จากคุณสมบัติ ของ “ถ่าน”

CHARCO-
MATERIAL AND METHODS
CRAFTS PRODUCT DESIGN

ถ่านสองหัว เป็นผลิตภัณฑ์ออกแบบ
โดยคำนึงถึงคุณสมบัติเด่นของถ่านไม้ ซึ่งมีความสามารถในการดูดกลิ่น และดูดความชื้นได้ดี โดยไม่เกิดปฏิกิริยาการเปลี่ยนแปลงสภาพทางกายภาพของตัวถ่าน ทำให้เป็นผลิตภัณฑ์ที่มีประสิทธิภาพสูงและคงทน กับต่อจาก
คุณสมบัติเด่นของถ่านไม้ไว้ ยังเป็นผลิตภัณฑ์ที่สามารถแสดงตัวตนของชุมชน และคุณค่าความเป็นไทย
ผ่านกระบวนการผลิตอีกด้วย

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THANK YOU