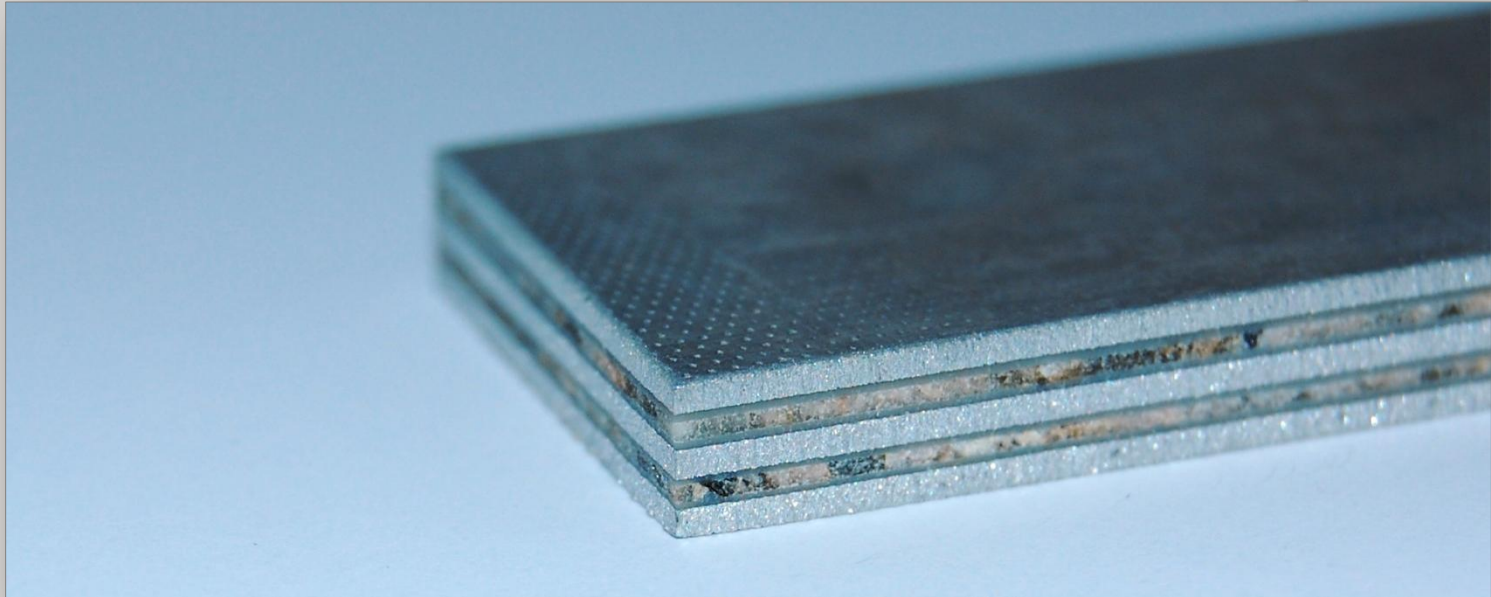




CONTRIBUTION TO THE
ICSAT 2010
CONFERENCE



CORE METAL ALLOY
A NEW SUSTAINABLE COMPOSITE ?





**CHARACTERISTICS AND
FEATURES**

FIELDS OF APPLICATION

PRODUCTION

TESTINGS

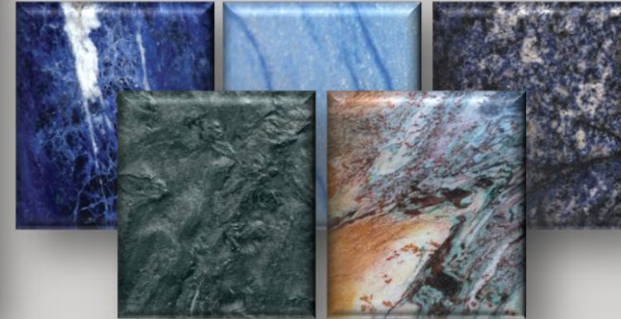
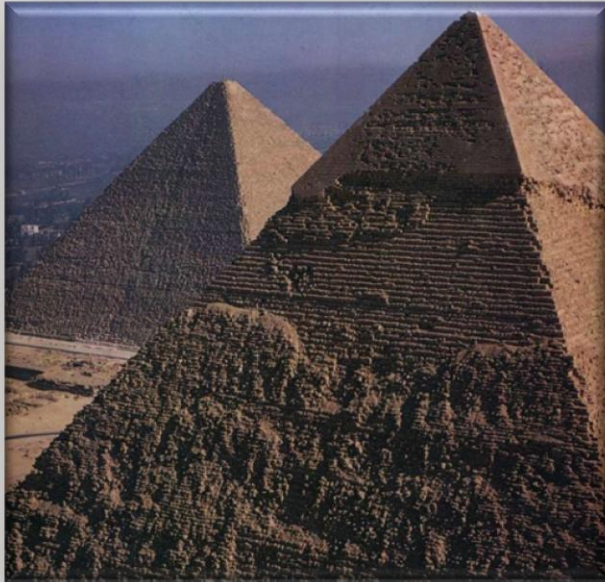
SUMMARY





- BIGGEST TERRESTRIAL PLANET IN OUR SOLAR SYSTEM – ALL OTHERS ARE MAINLY CONSISTING OF GAS
- PRIMARLY COMPOSED OF SILICAT ROCKS WITH A MASS OF $5,974 \cdot 10^{24}$ KG
- ALUMINUM AND STEEL ARE WELL ESTABLISHED IN AUTOMOTIVE ENGINEERING
- USING BOTH ADVANTAGES LEADS TO THE CREATION OF CORE METAL ALLOY





THIS IS WHAT MOST PEOPLE AFFILIATE WITH NATURAL STONE:

- STATUS SYMBOL
- SAFETY
- COLOR RANGE
- MARBLE