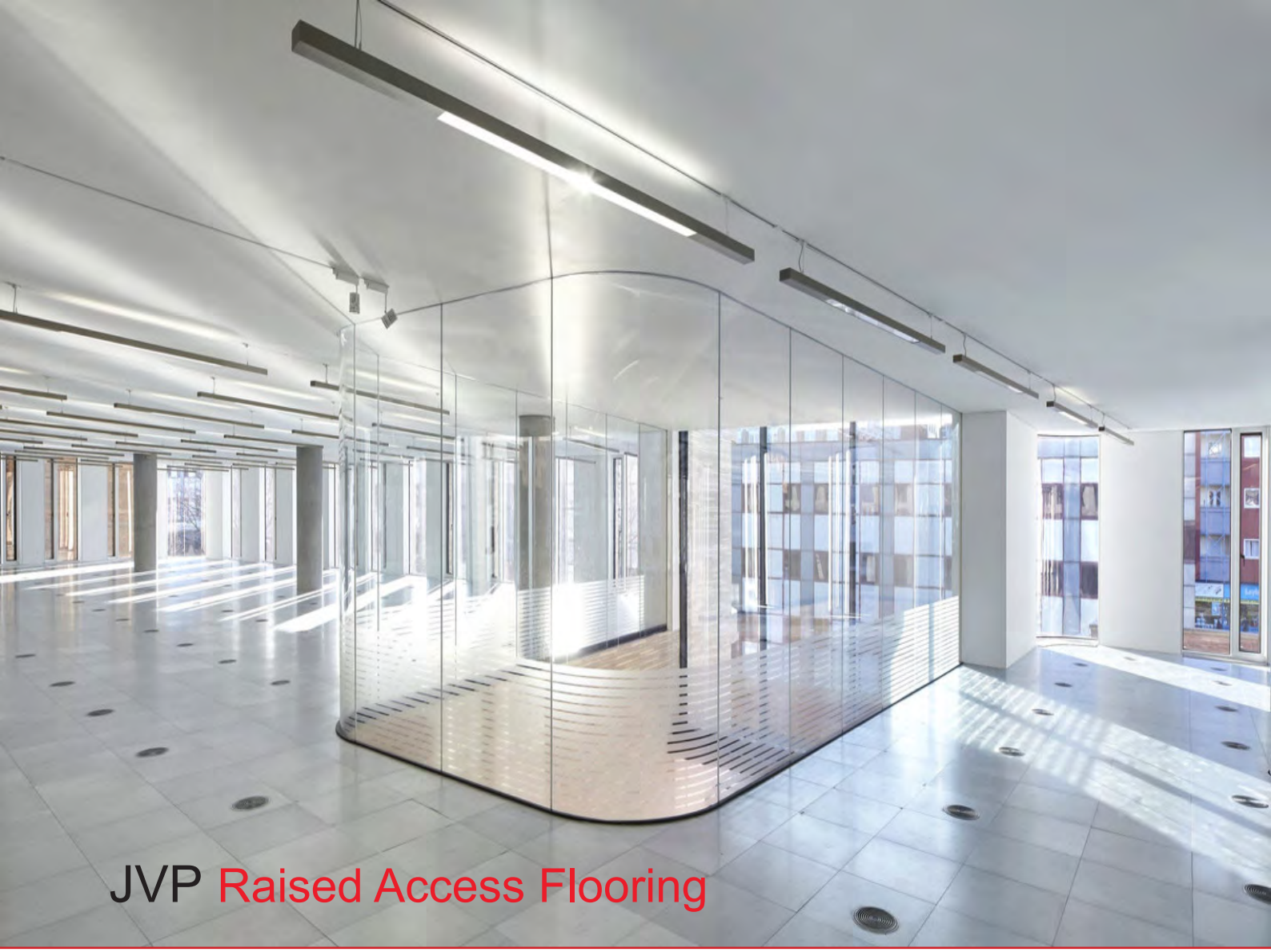


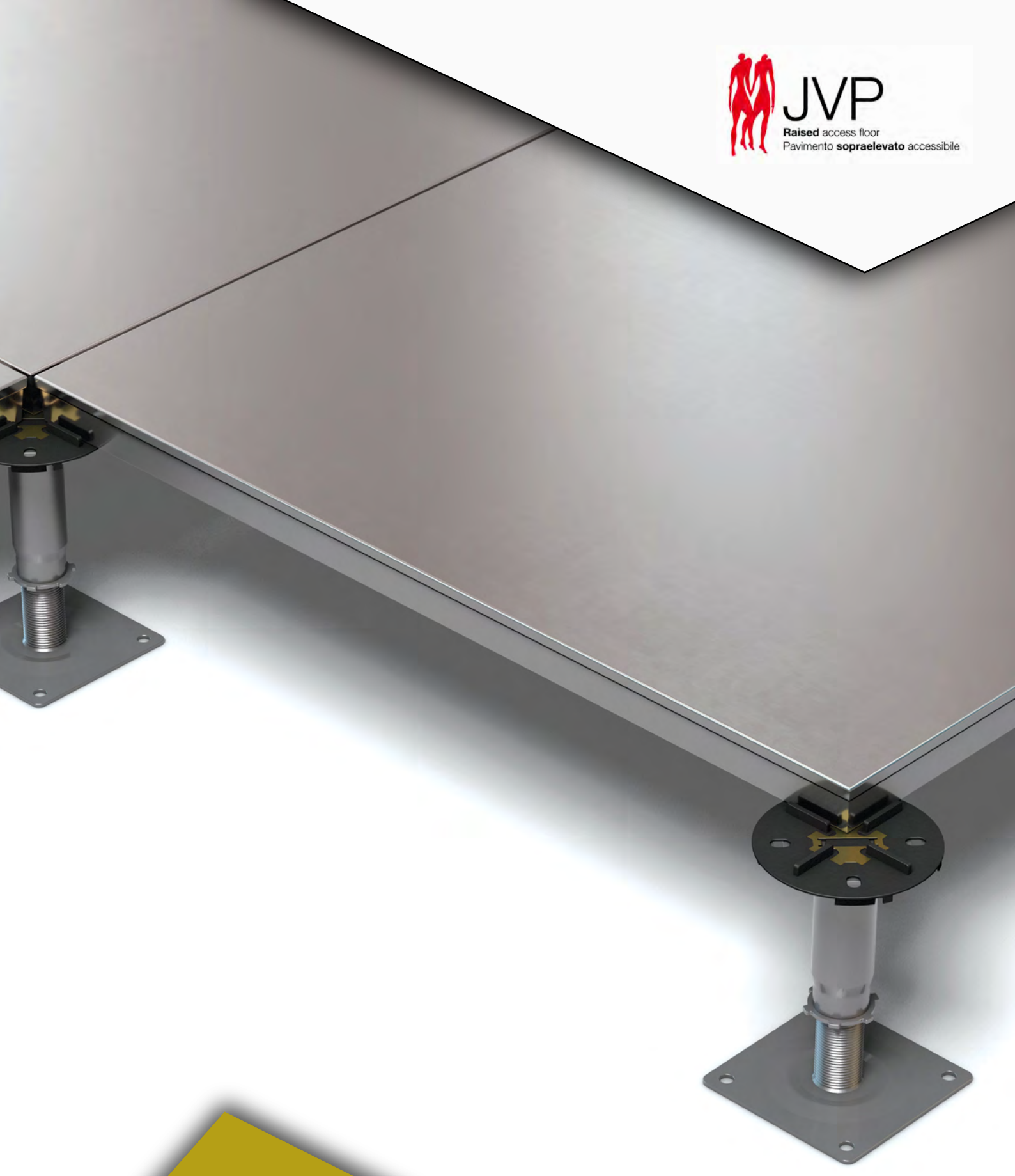
JVP Raised Access Flooring

Technical Guide

JVP
Raised access floor
Pavimento **sopraelevato** accessibile

www.jvph.net

JVP
Raised access floor
Pavimento sopraelevato accessibile



C4TTM

PSA MEDIUM GRADE RAISED FLOORING

FSC
www.fsc.org
FSC® C139257
The mark of responsible forestry

Description

The C4TTM raised floor panel is a fully steel encased high density particleboard raised floor panel .When used in conjunction with the appropriate supporting pedestals the raised Floor System achieves the PSA MOB PF2 PS Medium Grade Certification

Designed for office and general applications, that are to be overlaid with carpet tiling or other suitable finishes. Suitable for floor heights of 50 mm to 1000 mm.

With the unique patented edge fold joining both top and bottom steel sheets it is almost impossible for it to delaminate. Designed and manufactured in Italy within a world class modern facility, tolerances and quality meet the maximum European Standards.

Dimensions

Length	600mm (+/- 0.2mm)
Width	600mm (+/- 0.2mm)
Thickness	29mm (+/- 0.3mm)
Weight	9.75kg (+/- 0.5kg)
Squareness	+/- 0.3mm
Concavity and convexity	< 0.4mm
Twisting	< 0.3mm

Shipping data

Pallet size	610 x 610 x 1050mm
Type	Wooden pallet and cardboard box, high resistance PVC banding
Quantity	32 panels per pallet
Weight	320kg per pallet
Identification	Yellow strip, printed identification code on each panel

International Certification

FSC Certificated wood chain of custody N° FSC-CU-COC-855745

VOC Certificated USA CDPH
section 01350 N°392-2014-00044702_02 - Low Emissions

EPD Certificated ISO 14025 and EN15804 N° S-P-01016

PSA MOB PF2 PS - Full Certification Medium Grade
Clauses T1 to T18

Technical data

Property	Class	Request	Results
Loading	UNI EN 12825 Class 5 /A /3 /1	Max loading not less then 10kN	Breaking centre edge 10kN Breaking centre panel 16.57kN Breaking diagonal 10.25kN
Deflection	UNI EN 12825 Class A	Max. deflection allowed 2.50mm	2.5mm centre edge at 3.34kN 2.5mm centre panel at 3.57kN 2.5mm diagonal at 3.68kN Residual deflection after 30' 0.077mm
Fire reaction	UNI EN 1350-1:2007	Bfl-s 1	Certificate RC245937 (Istituto Giordano)
Fire resistance	UNI EN 1350-1:2008	REI 30r	Certificate CSI 1413 RF (CSI Italy)
Acoustic performance (airborne noise)	UNI EN 140-12: 2001 UNI EN 717-1: 2007	n/a	Dn,f,w dB 46 PV Vo. DE631X837 BBRI, Belgium
Acoustic performance (impact noise)	UNI EN 140-12: 2001 UNI EN 717-1: 2007	n/a	Dn,f,w dB 69 PV Vo. DE631X837 BBRI, Belgium
Acoustic performance (impact inter-floor)	UNI EN 140-8: 1999	n/a	Bare DLw 17dB rubber+bare DLw 21dB rubber+bare+PVC AP DLw 22dB rubber+bare+ceramic APB DLw 29dB rubber+bare+carpet DLw 28dB

UK Distributor

ACCESS FLOORING.COM

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T: 01732 865 525
enquiries@accessflooring.com

JVP
Raised access floor
Pavimento **sopraelevato** accessibile

September 2015

The JVP sustainability policy

Is strong willing of JVP, in the most possible incisive manner, contributing to the improvement of the environment balance of our planet Earth.

To act consistently, JVP has recognized and chosen as guideline for this commitment the philosophy promoted from the certification environment energy **LEED®**.

Nevertheless, the information hereby listed, are abundantly applied also for the satisfaction of other parameters linked to different eco-sustainability standards, as **BREEAM®** for the Great Britain, and **HQE®** for the France, **MINERGIE®** for the Switzerland and **GECA®** for Australia.

It is important to underline that **LEED®** is not and would not be in any extend a product certification.

LEED® is in fact exclusively a system of classification that is verified from figures and third party authorities, which evaluate the aspects of environment sustainability, social and economic of the buildings, from the planning to the daily use.

The access floor system as integral part of the building on its whole, could contribute on the acquisition of credits for the **LEED®** system.

In detail, our raised floor system fully accessible **JVP 4X4** could be positively considered to contribute on getting the following **LEED®** credits.

- **Credit MRc2 – Management for the Building wastages**

  Scope: divert the wastages of the building, construction and demolition activities to the awarding onto the waste or to the incinerator. Readmit the recyclable resources newly recovered into the production processing and readdress all the reusable materials to the purposed collection sites.

  The raised floor system fully accessible **JVP 4X4** contributes to this credit for the following reasons:

  1. The protection cardboard boxes used by JVP are made with recycled paper, and are completely reusable and or recycled at 100% after its using.
  2. The wooden pallets used by JVP are realized by natural wood coming from renewable plantations and are completely reusable and or recycled at 100% after its using.

- **Credit MRc3 – Reusing of the Materials**

  Scope: reuse the materials and the construction products so as to reduce the demand of virgin materials, and the production of wastage, limiting in such way the environment impacts linked to the extraction and to the working processing of the primary resources.

  The raised floor system fully accessible **JVP 4X4** contributes to this credit for the following reasons:

  1. The components of the JVP system, having an average life time superior to 50 years, can be reused as they are at 100% without needs of different reconditioning from the simple cleaning.

- **Credit MRc4 – Contents of recycled material**

  Scope: increase the demand of building materials which contain recycled material, reducing in this way the impacts coming from the extraction and working of virgin materials.

  The raised floor system fully accessible **JVP 4X4** contributes to this credit for the following reasons:

  1. The metallic components of JVP system are produced with recycled steel post – consume in quantities variable from the 10 to the 20% in weight (and are recyclable at 100% after its using);
  2. The wooden components of the JVP system are constituted by recycled chipboard post – consume at 100% (and are recyclable at 100% after its using);
  3. The Knauf gypsum fibre components of the JVP system are produced using for the gypsum the 40% of natural sourced and the 60% of post-consumer recycled plaster, and for the cellulose the 100% of post-consumer recycled paper fibre (and are 100% recyclable after use).

- **Credit MRc5 – Materials extracted, worked and produced to limited distance**

  Scope: increment the demand of building materials and products which are extracted and worked in regional limits, sustaining in this way the use of local resources and reducing the environment coming from the transport.

  The raised floor system fully accessible **JVP 4X4** contributes to this credit for the following reasons:

  1. The metallic and chipboard components of the JVP system are coming from suppliers which are located to less than 400 km from its own manufacturing plant;

- **Credit MRc7 – Certified wooden**

  Scope: encouraging a management environmentally responsible for the forests.

  The raised floor system fully accessible **JVP 4X4** contributes to this credit for the following reason:

  1. JVP is part of the chain of custody **FSC®,** certificate **SA-COC-002315**, licence **FSC® CO23271.**

- **Credit QIc4.3 – Low emission floors**

  Scope: reduce the emission of smelling, nasty or dangerous volatile components in the buildings.

  The raised floor system fully accessible **JVP 4X4** contributes to this credit for the following reasons:

  1. The wooden components of the JVP system constituted by **FSC®** recycled chipboard, fully encased in galvanized steel, complies in fully the "Standard method for testing and evaluation of volatile organic chemical emission from indoor sources using environmental chambers (version 1.1 – section 01350)" as defined by the USA California Department of Public Health (CDPH) version February 2010, as:
  2. No carcinogens ad reproductive/developmental toxins could be detected;
  3. No individual compound exceeds one-half of the lowest concentration of interest in a building (chronic REL) see **test report Eurofins® 392-2014-00044702**;

  4. The Knauf gypsum fibre components of the JVP system, fully encased in galvanized steel, complies in fully the "Standard method for testing and evaluation of volatile organic chemical emission from indoor sources using environmental chambers (version 1.1 – section 01350)" as defined by the USA California Department of Public Health (CDPH) version February 2010, as:
  5. No carcinogens ad reproductive/developmental toxins could be detected;
  6. No individual compound exceeds one-half of the lowest concentration of interest in a building (chronic REL) see **test report Eurofins® 392-2014-00044701.**

- **Credit QIc4.4 – Low emission wooden and vegetable particle products**

  Scope: reduce the emission of smelling, nasty or dangerous volatile components in the buildings.

  The raised floor system fully accessible **JVP 4X4** contributes to this credit for the following reasons:

  7. The wooden components of the JVP system are constituted by recycled chipboard post – consume at 100% and normally certified E1 as per the formaldehyde emission;
  8. Under request the wooden components of the JVP system are constituted by recycled chipboard post – consume at 100% and could be provided as F0, meaning the full respect of the more strong formaldehyde limits forecasted by the CARB (California Air Resources Board) Phase 2 and the F**** (Japanese Building Standard Law on Sick Houses, method JIS A 1460).

Other information, surely useful to create a precise figure to the attention of the consumes reducing, for which JVP is very proud to be actively involved, are hereby indicated, and these information can be utilized from whoever at the very best convenience.

JVP is certified and systematically updated with the Environment Quality System **ISO 14001**

JVP is certified and systematically updated with the Quality System **ISO 9001**

JVP collects all the production **residuals** such as dusts and waste material, to be recycled at **100%**

JVP generates as total **wastages** for all its production equal to	**0,029%**
JVP **produces** one panels every	**3,2 ”**
JVP is using for each produced panel a quantity of **electric energy** equal to	**0,27 kW**
JVP is using for each produced panel a quantity of **gas** equal to	**0,023 m3**
JVP is using for each produced panel a quantity of **water** equal to	**0,00039 m3**

We would like that the information contained on this document could be of your interest and utility, in the meantime we remain at disposal for any further deepening you might do need.

Carlo Valerio